

Fig. 1

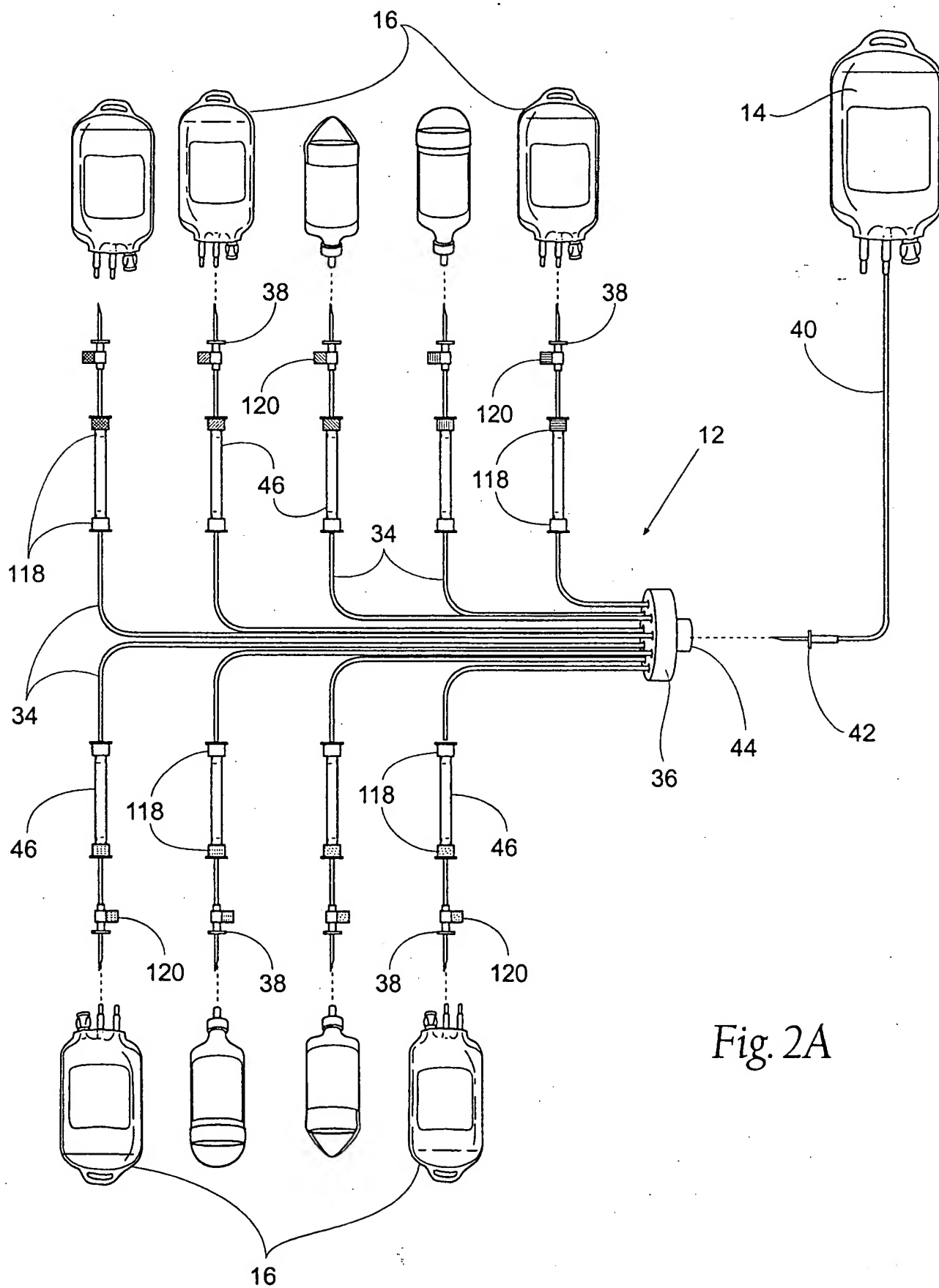


Fig. 2A

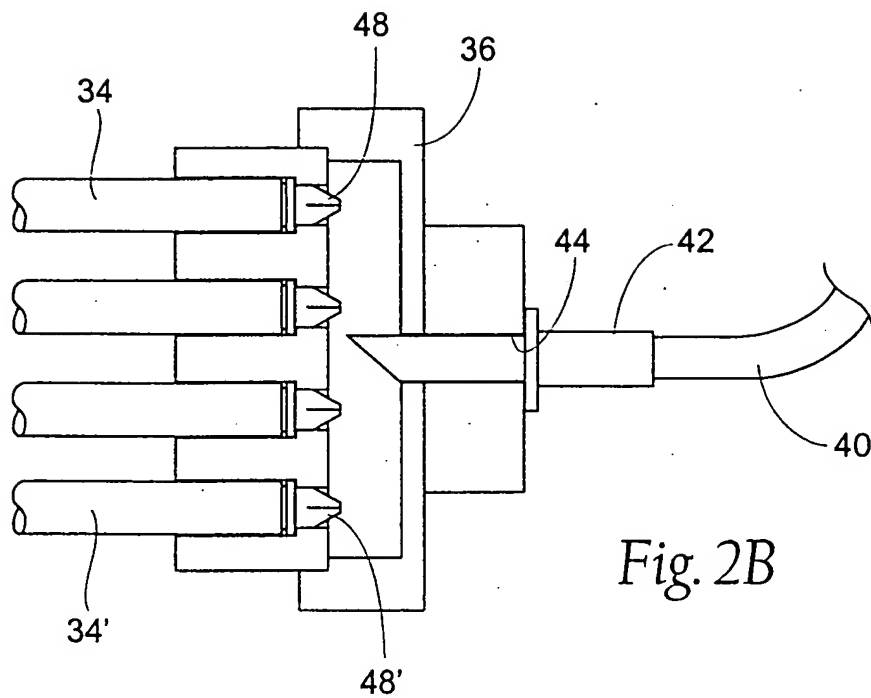


Fig. 2B

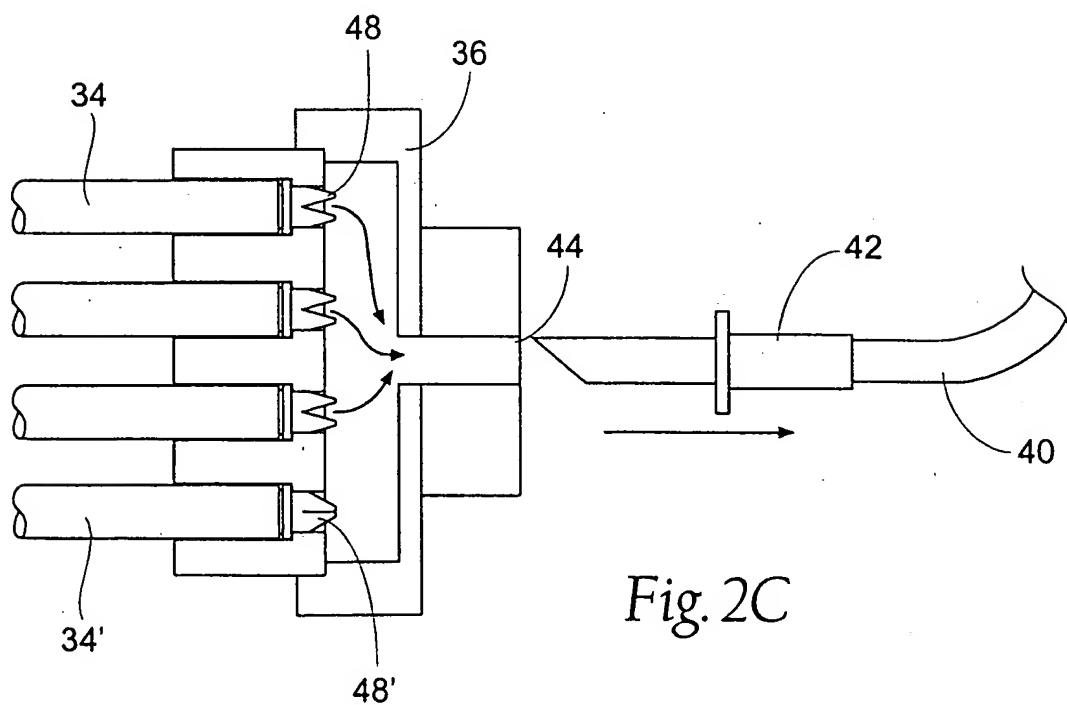
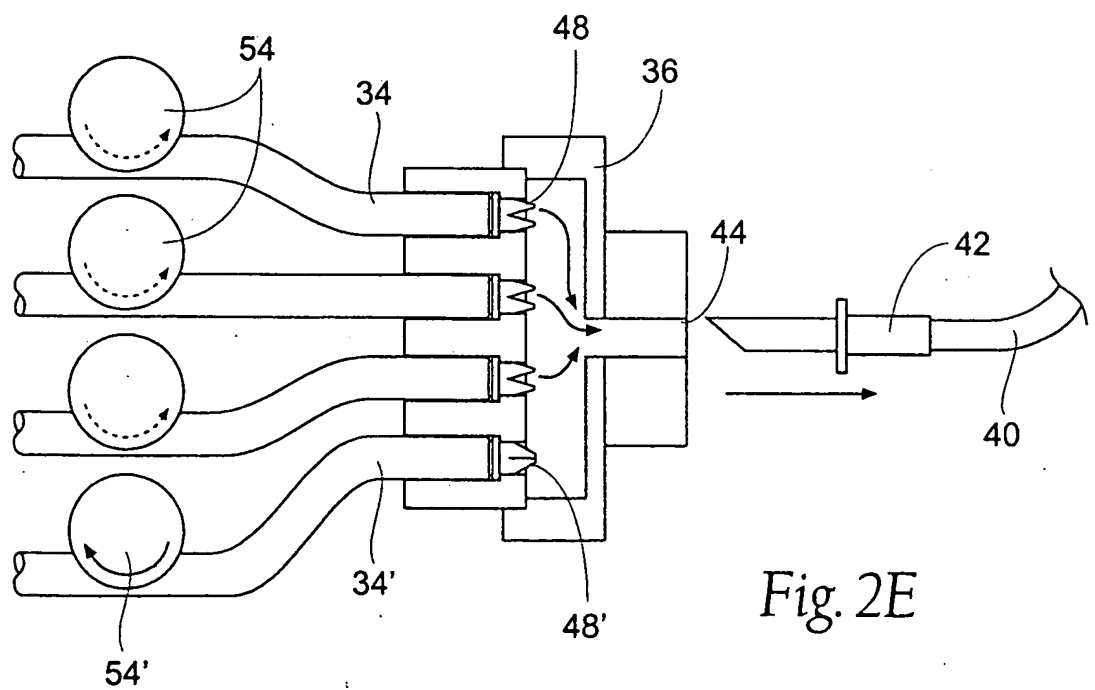
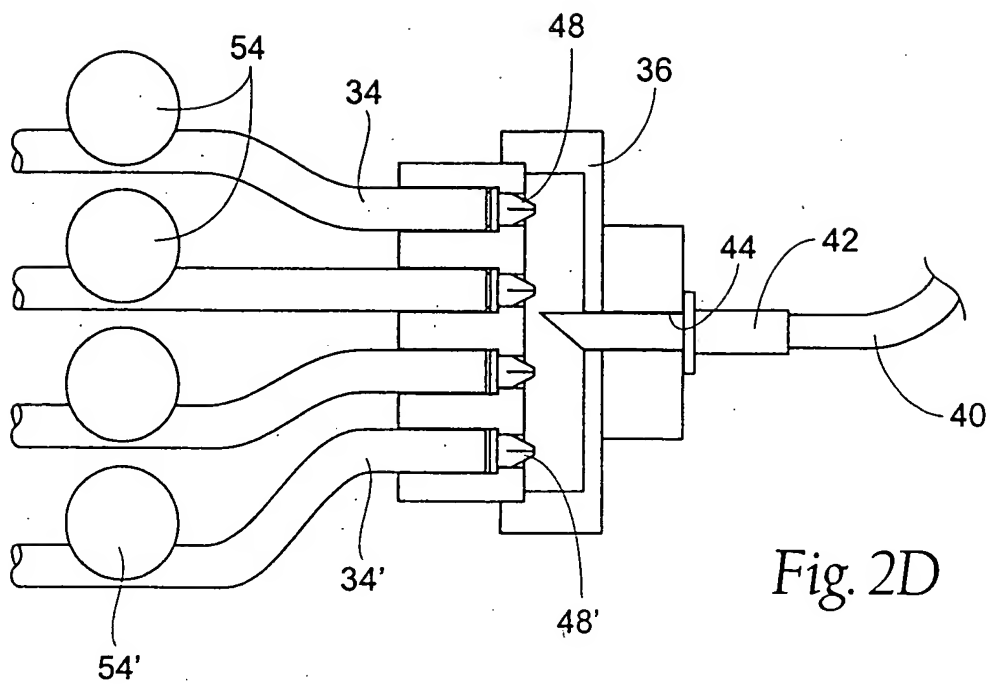


Fig. 2C



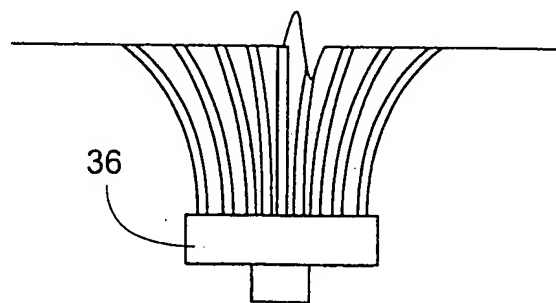
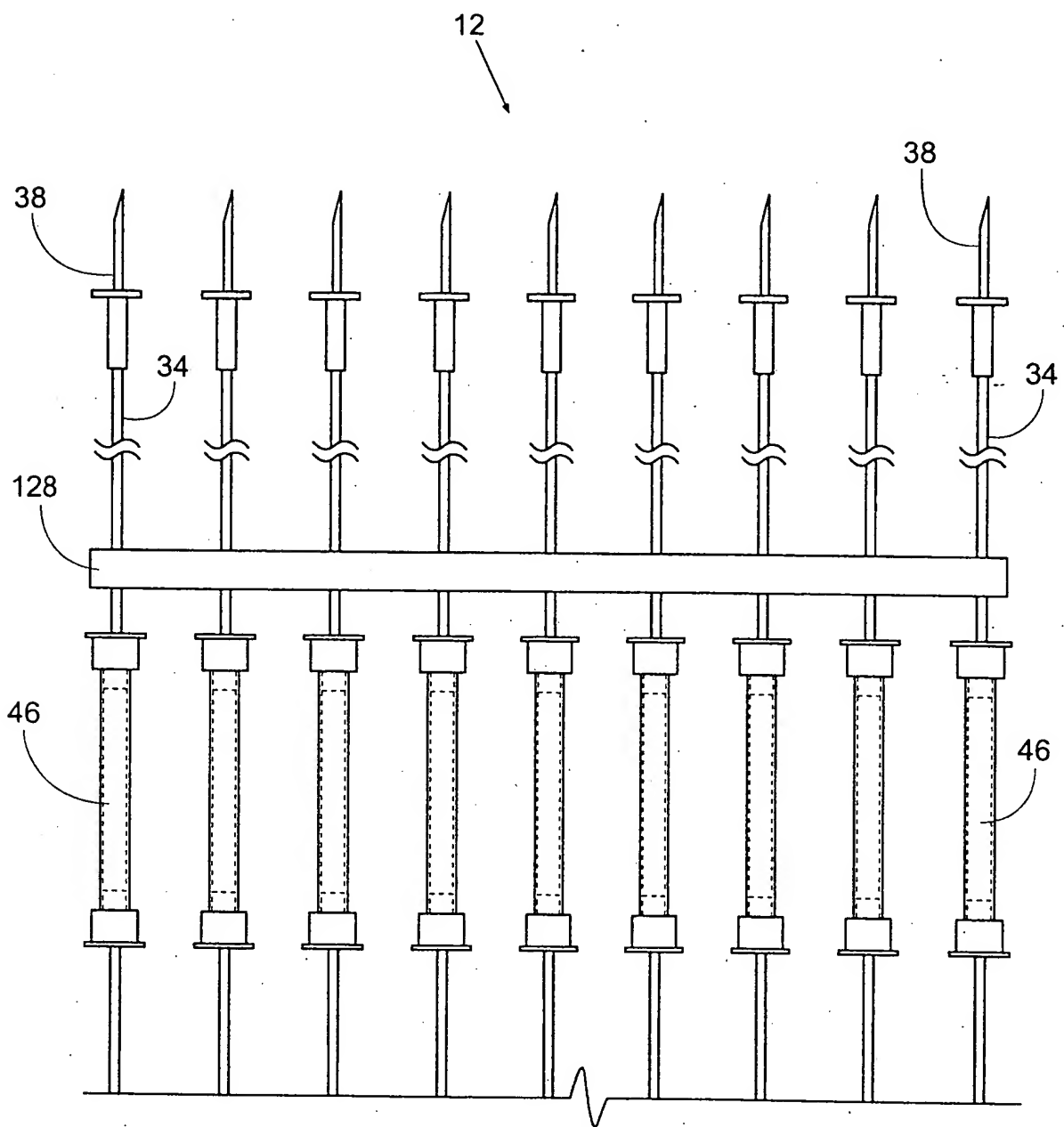


Fig. 2F

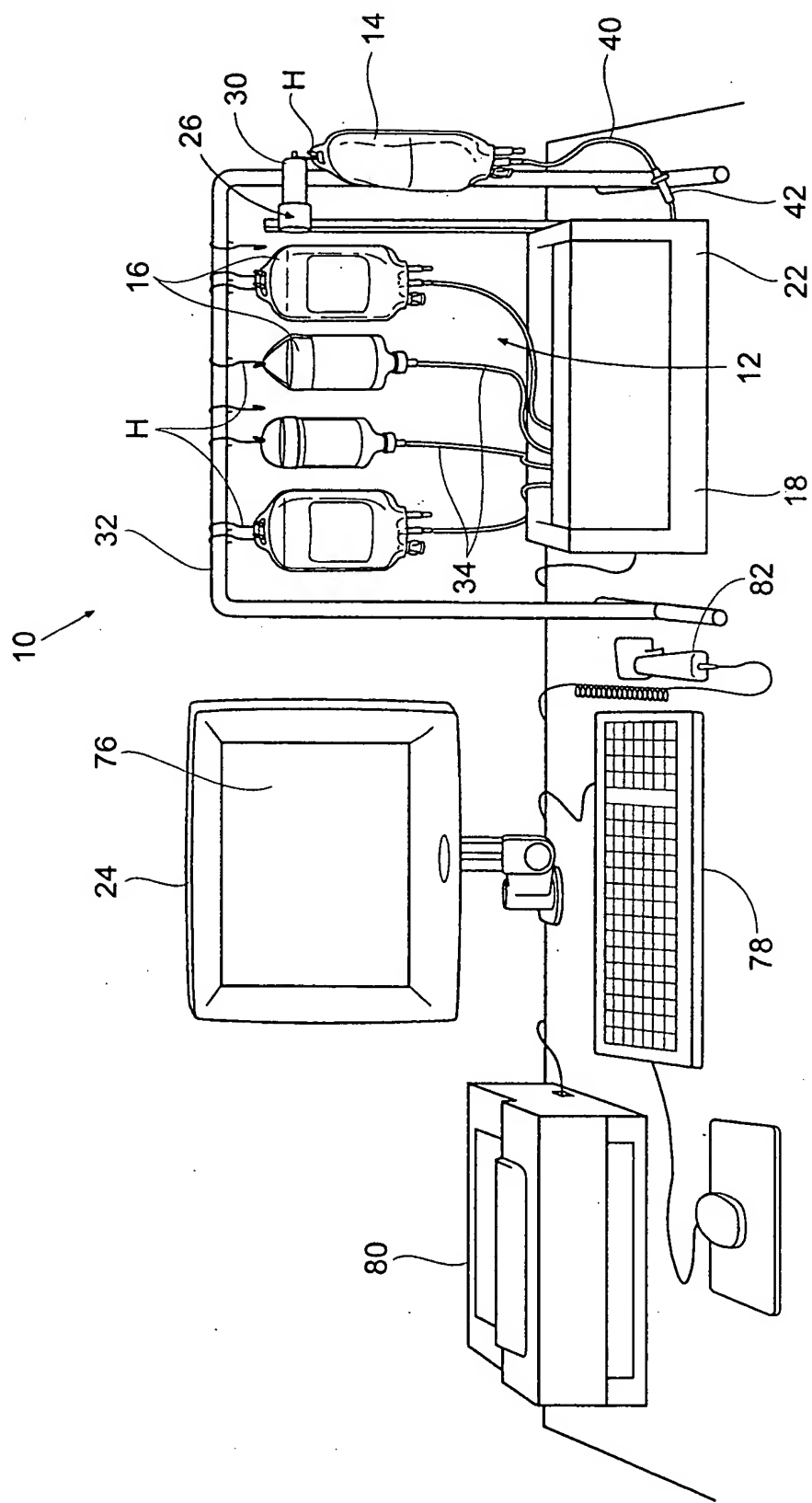


Fig. 3

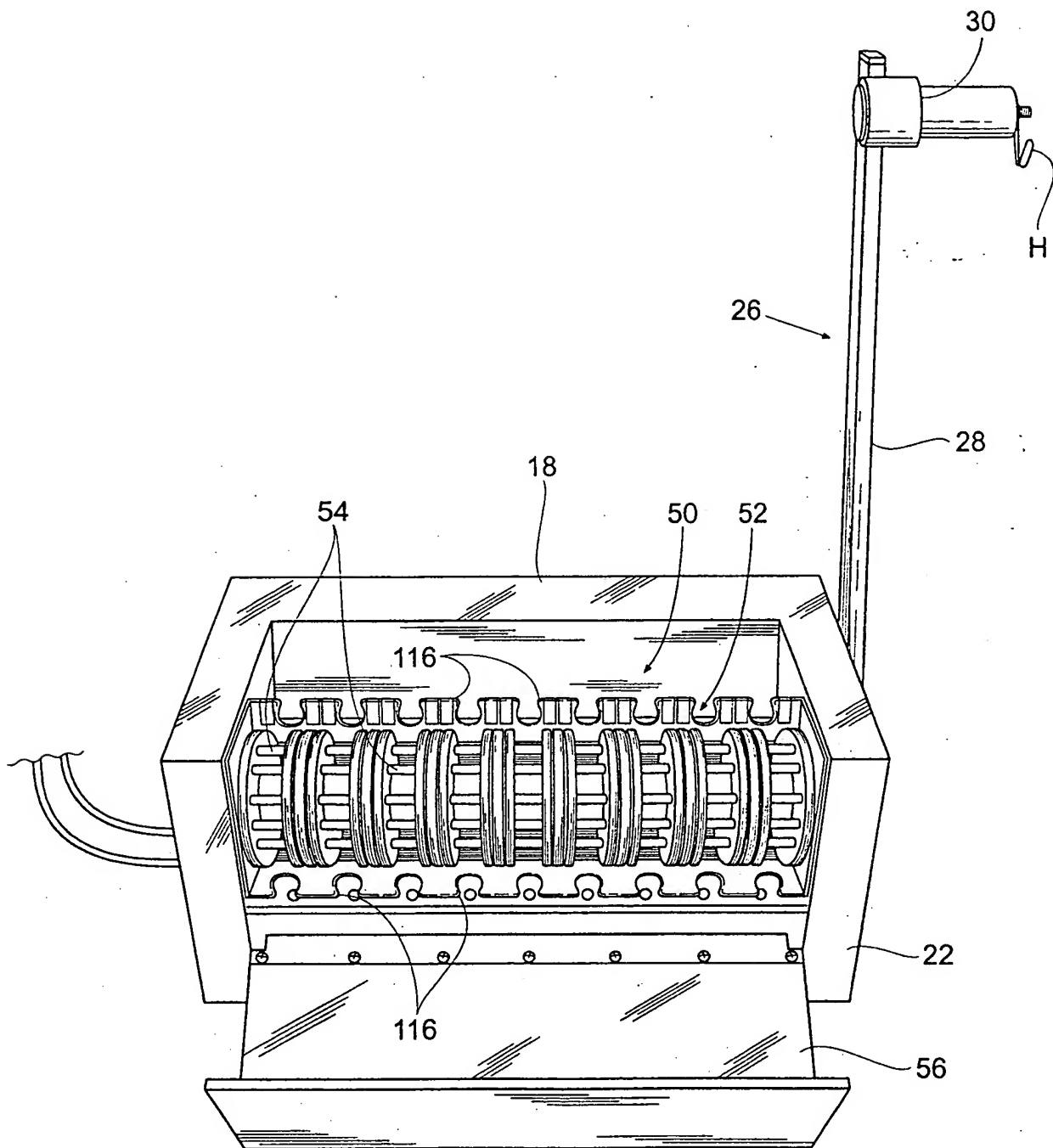


Fig. 4

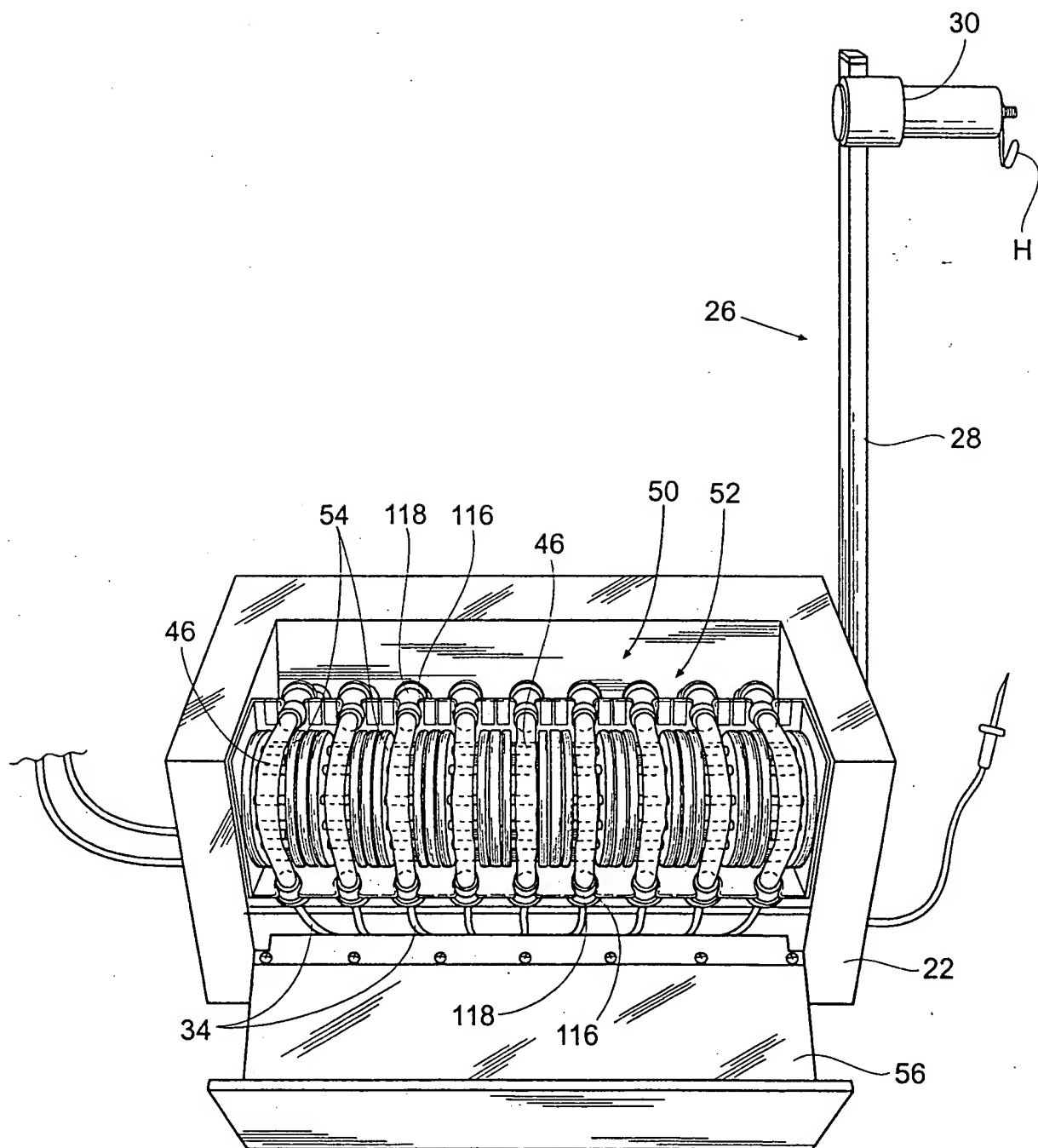


Fig. 5

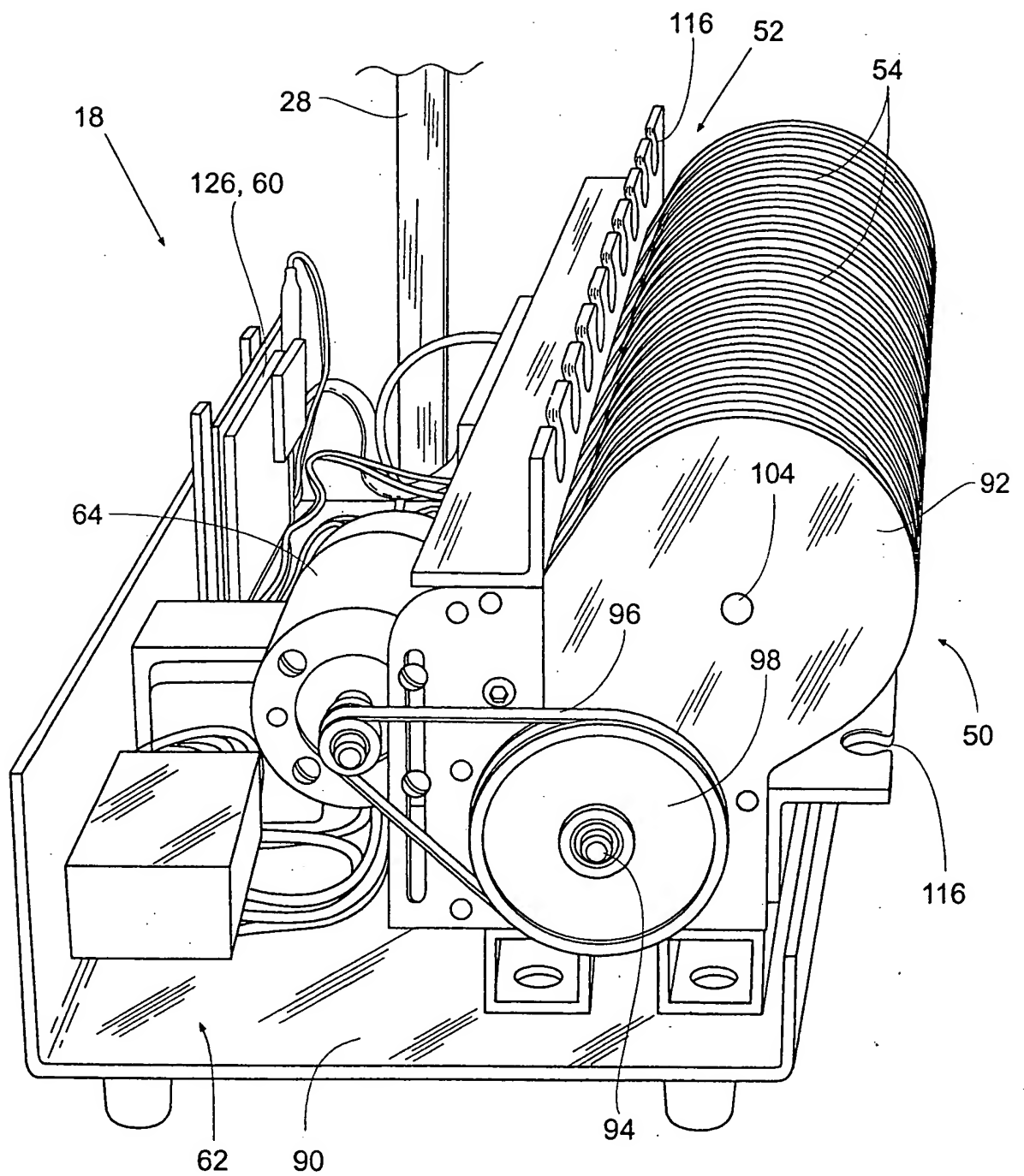


Fig. 6A

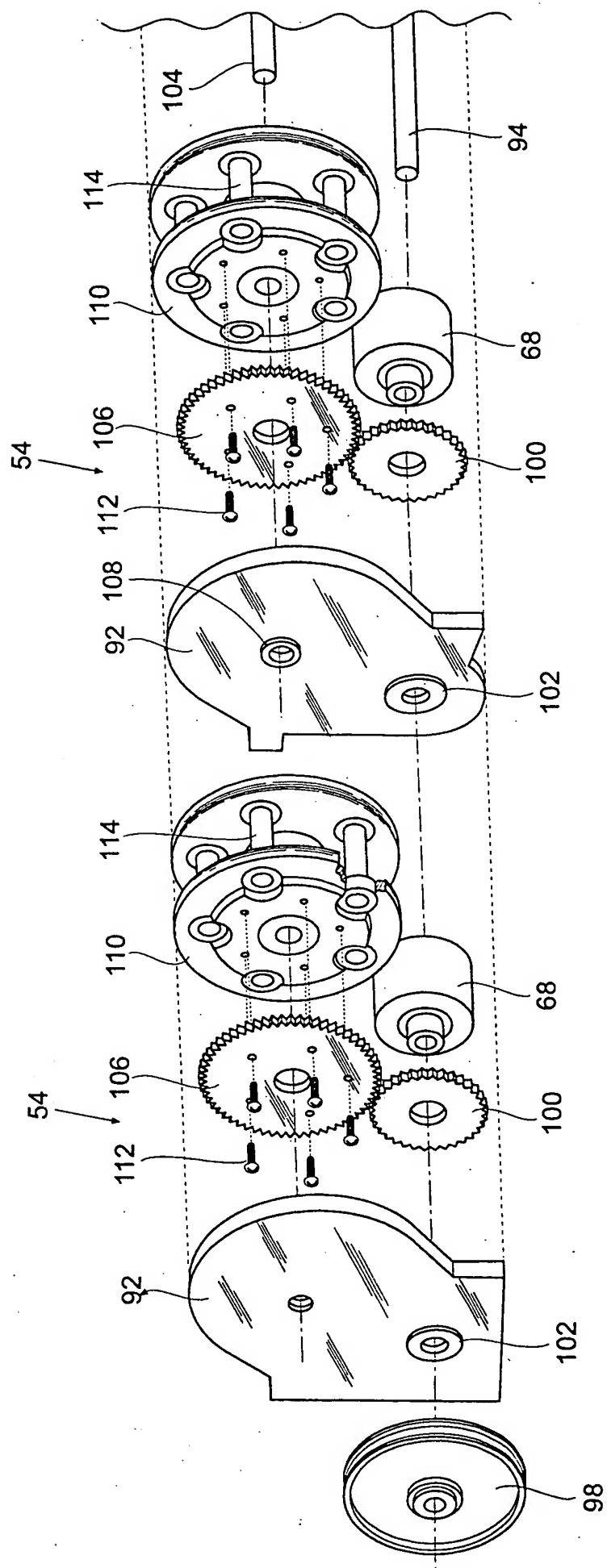


Fig. 6B

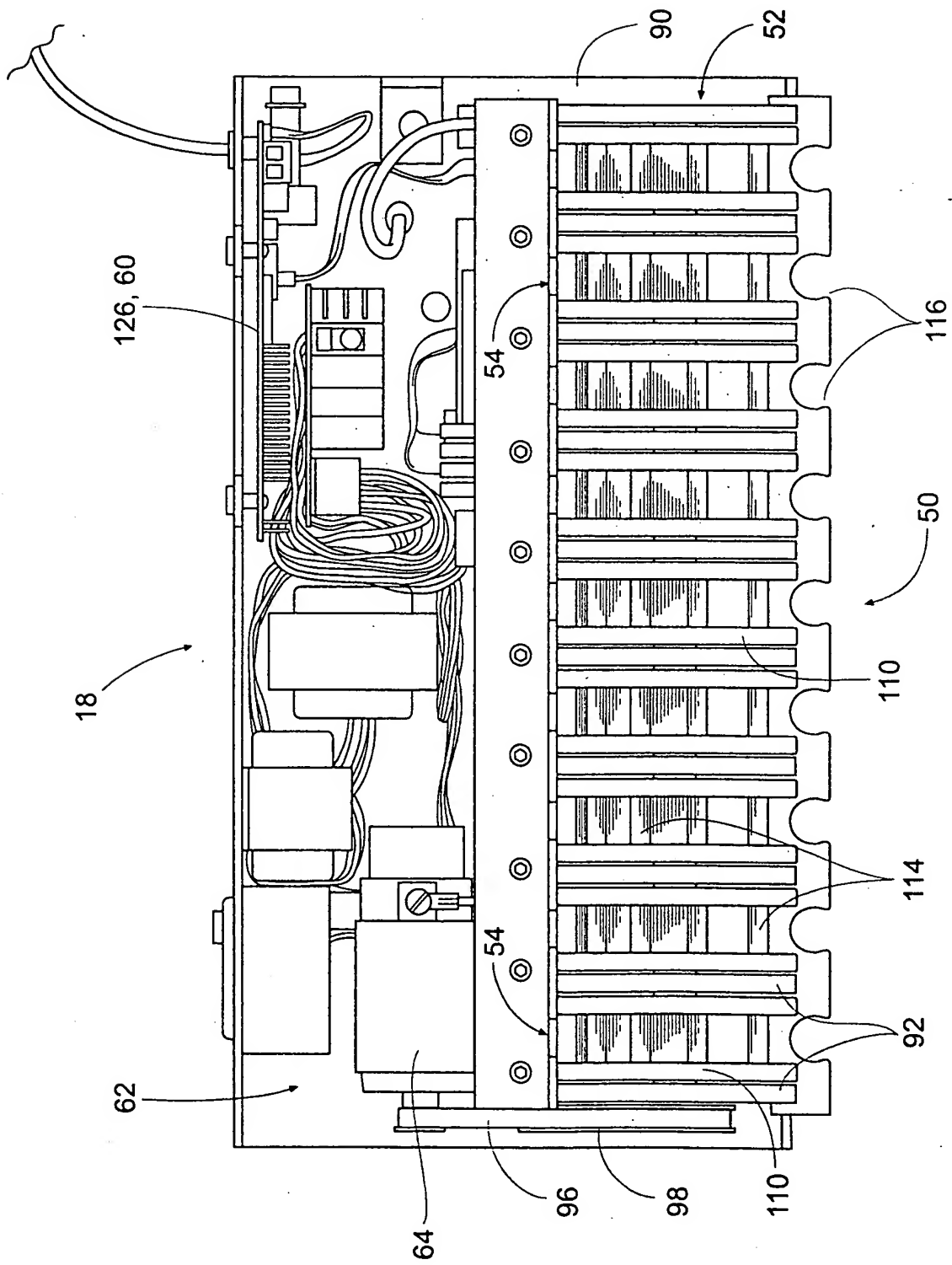


Fig. 7

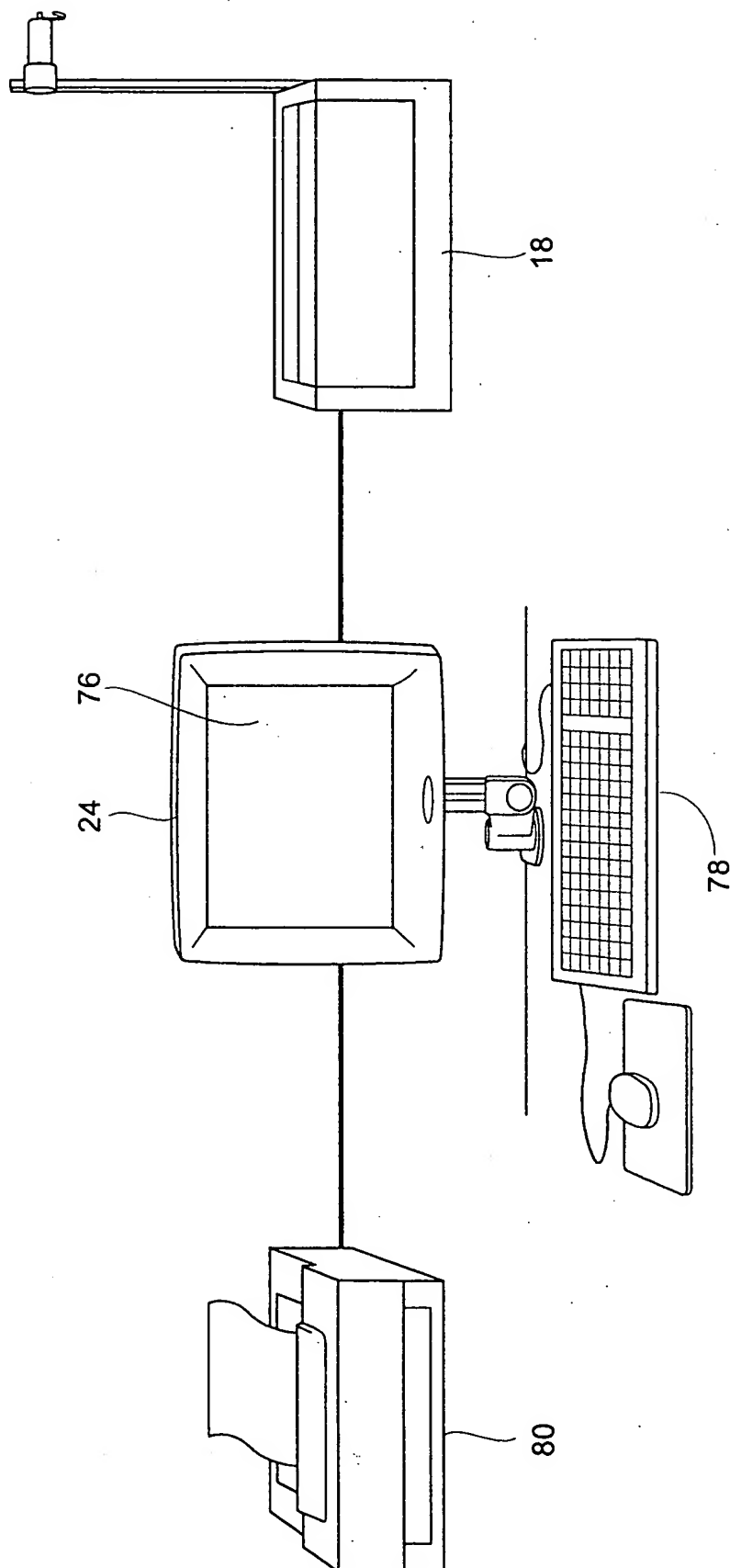


Fig. 8A

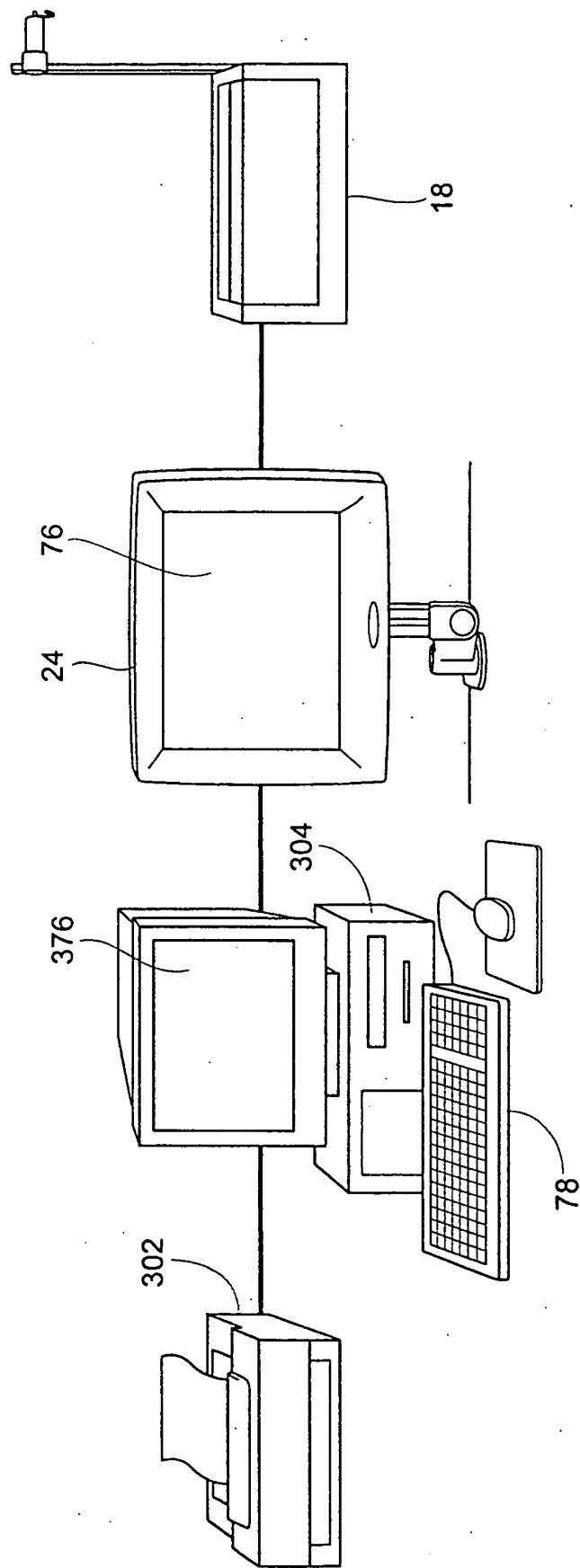


Fig. 8B

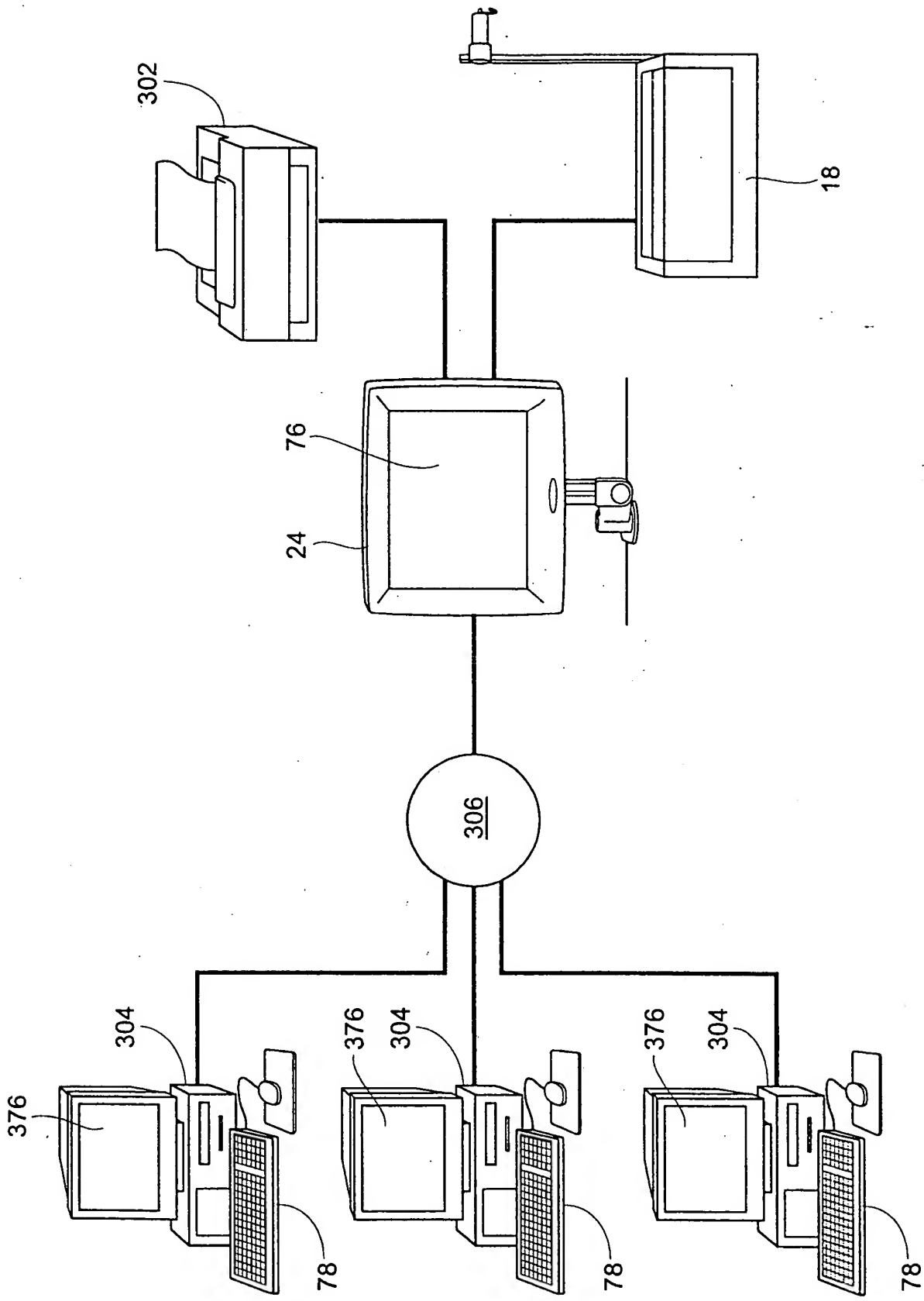


Fig. 8C

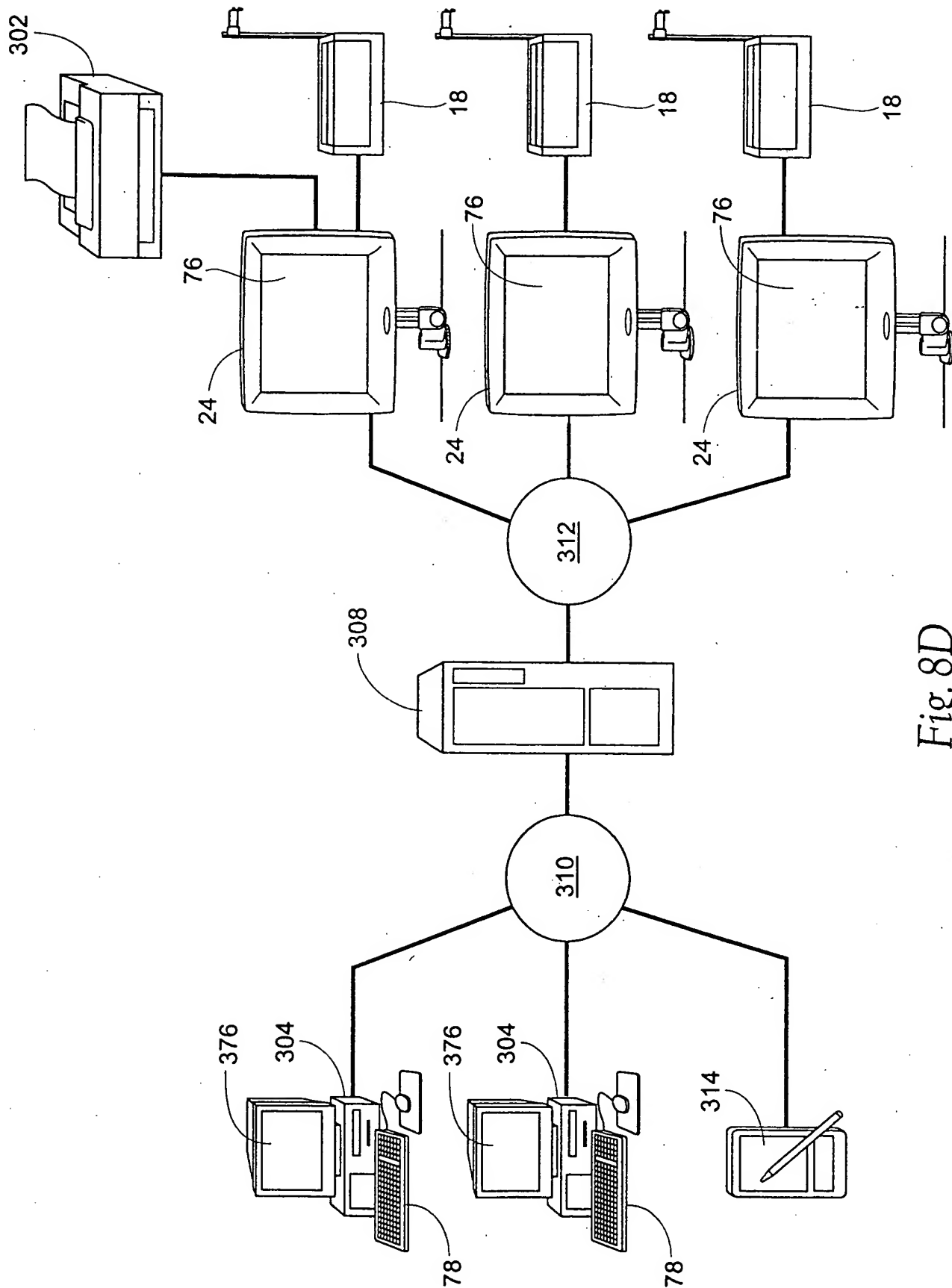


Fig. 8D

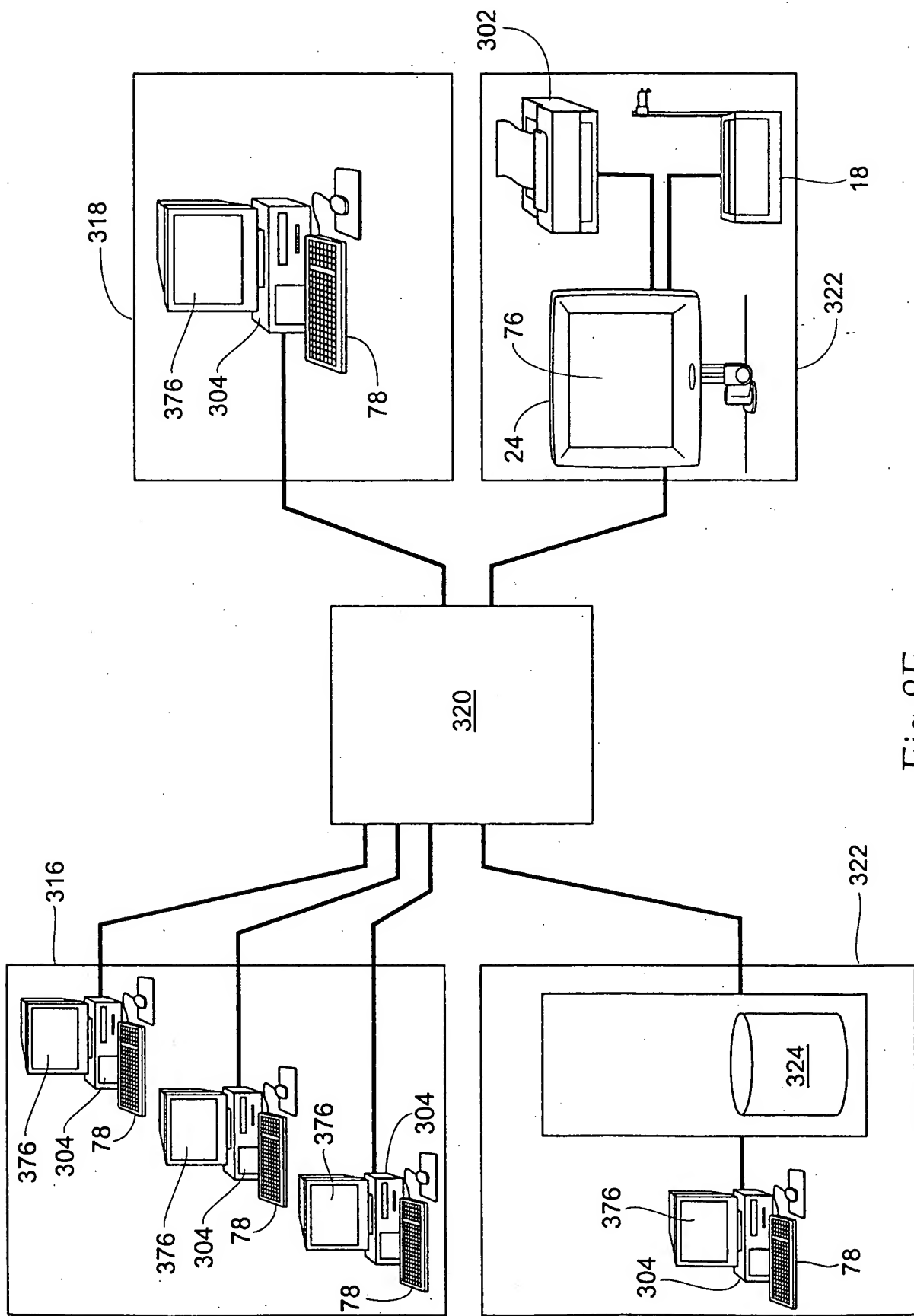


Fig. 8E

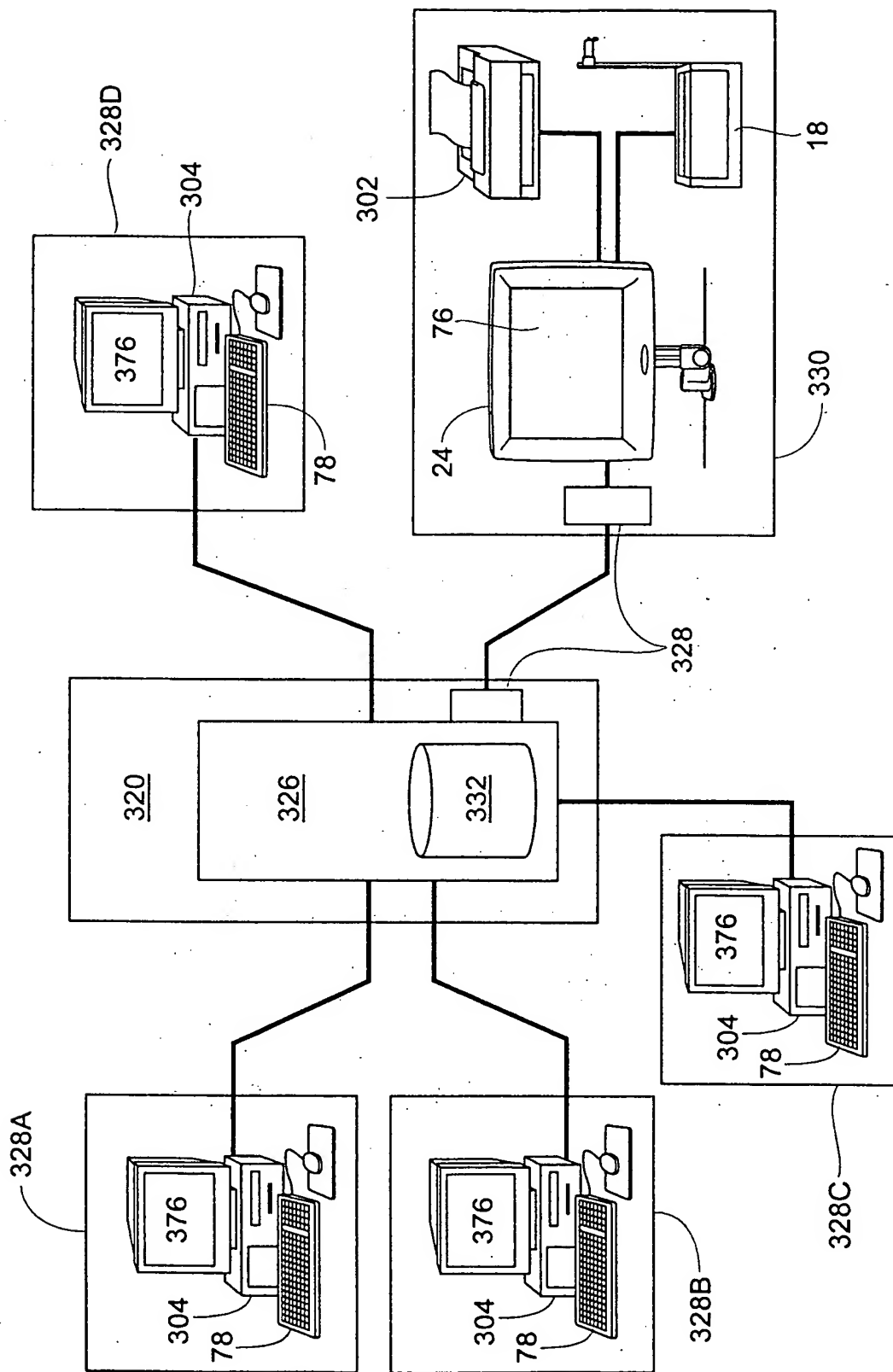


Fig. 8F

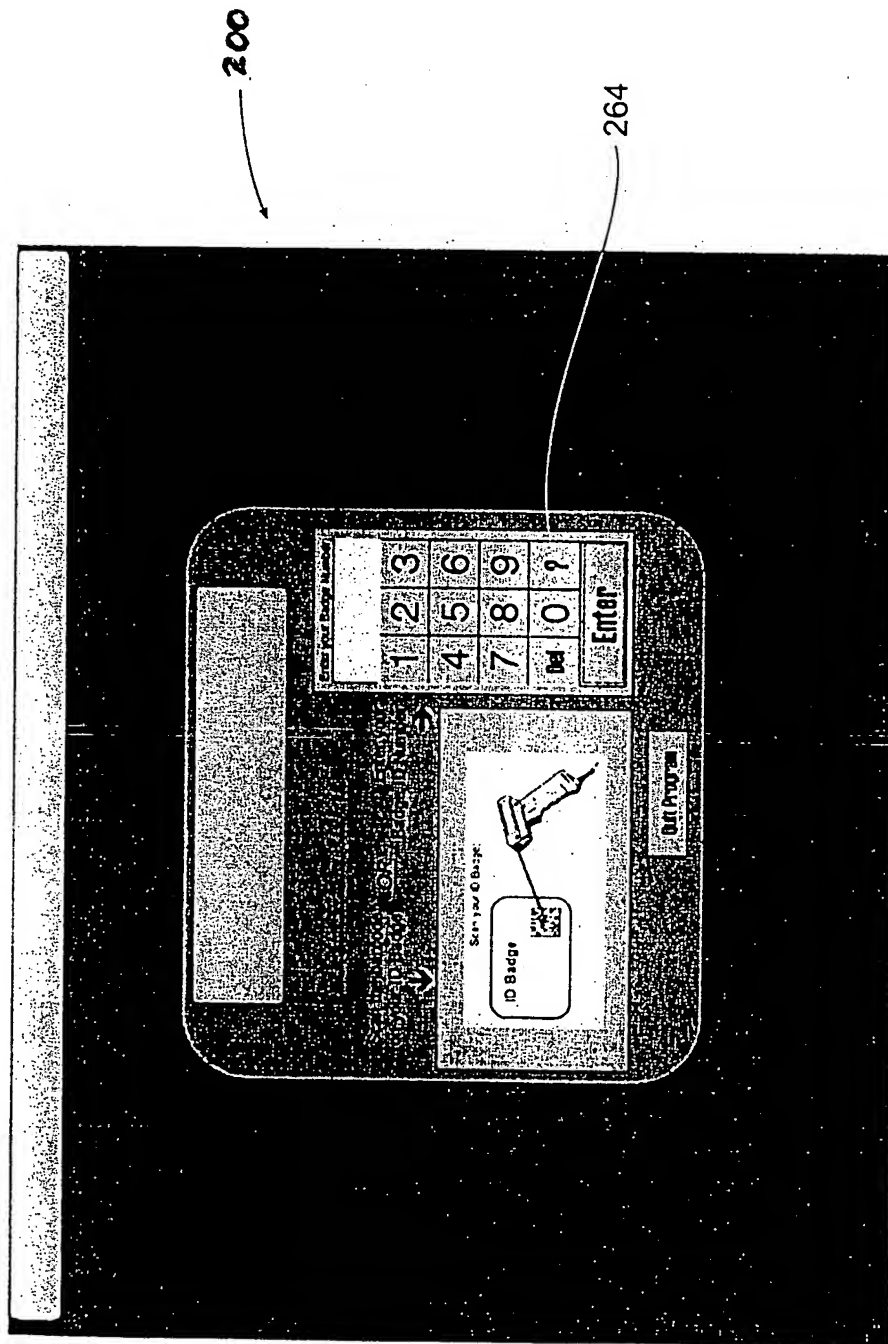


Fig. 9A

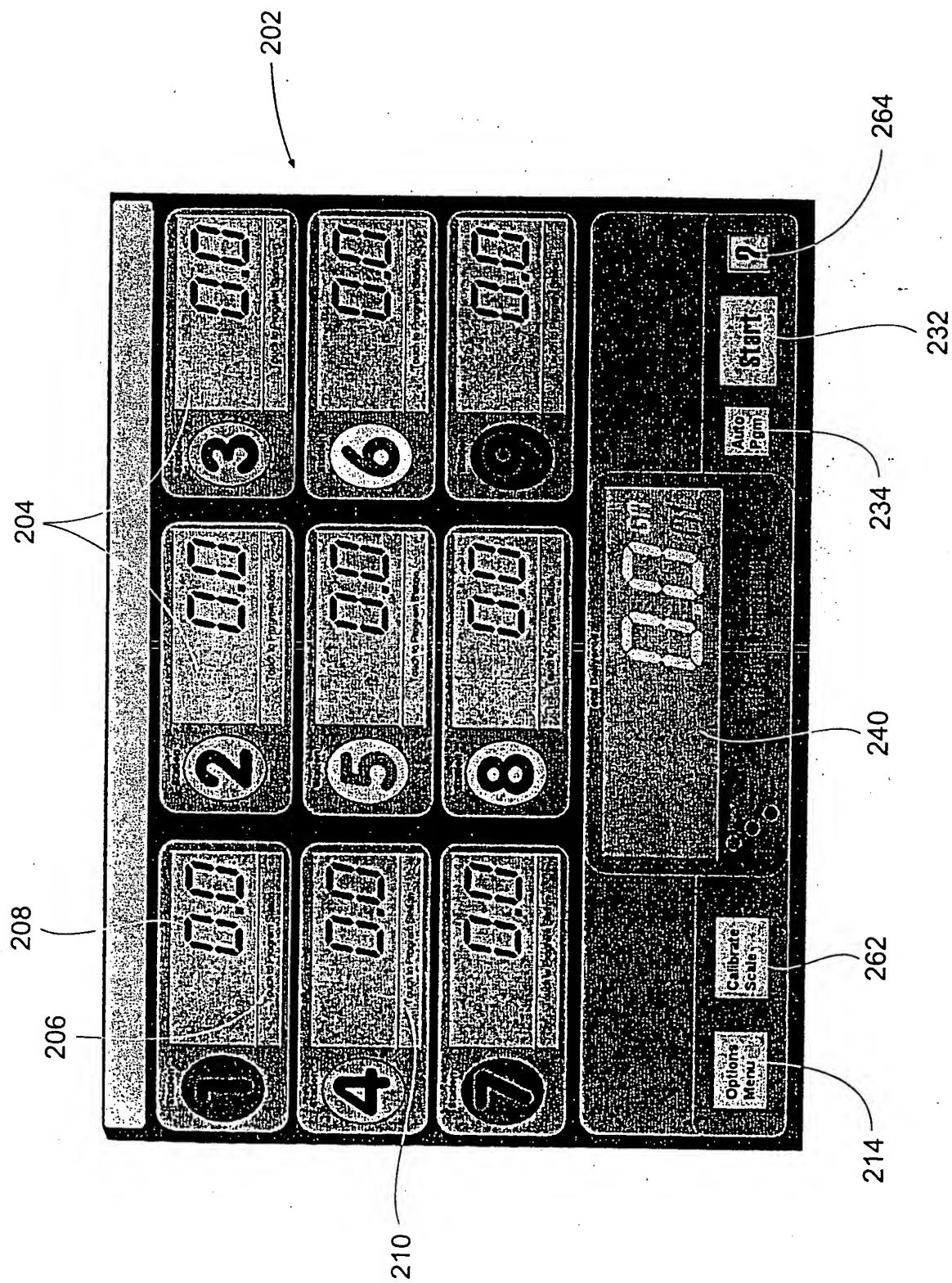


Fig. 9B

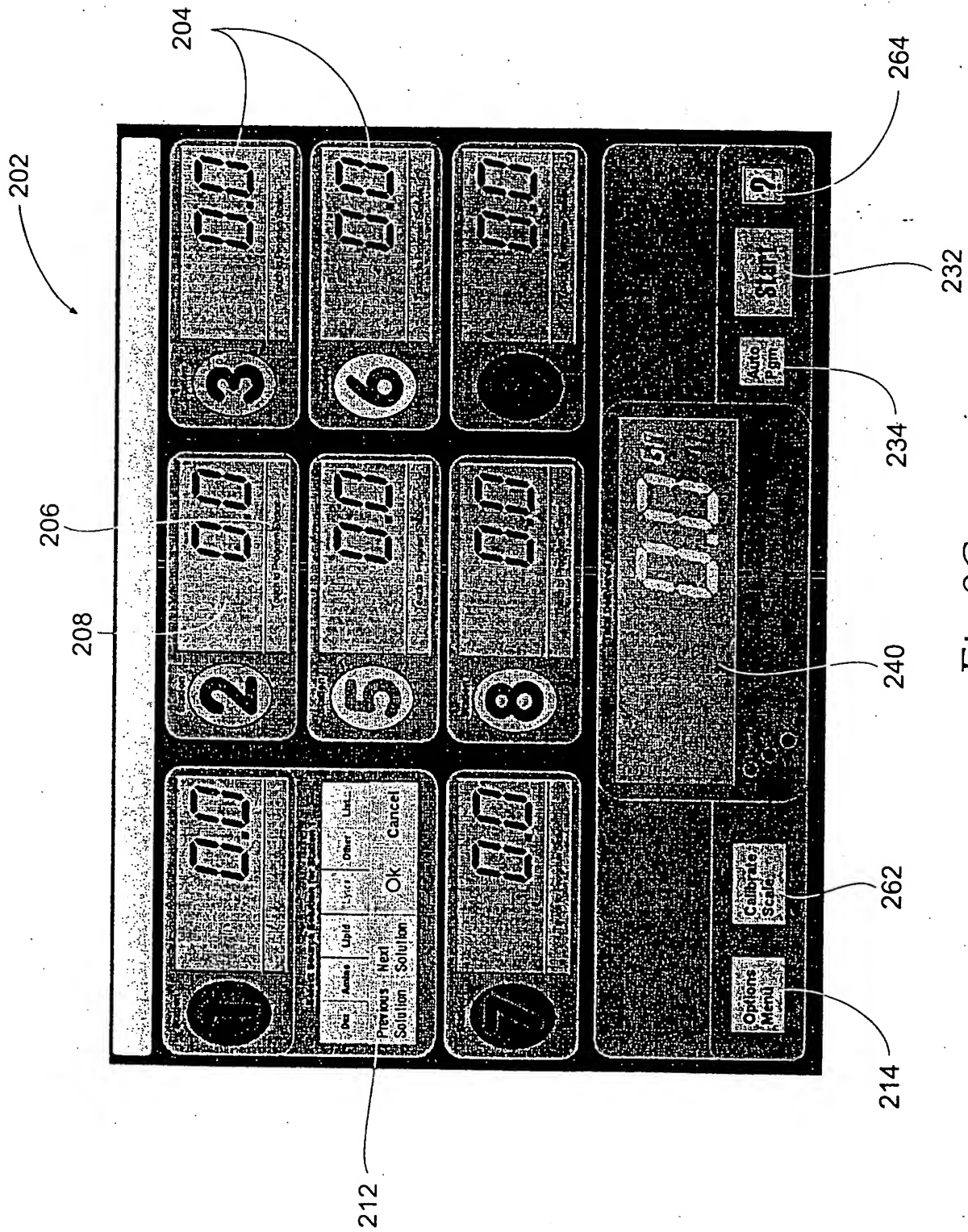


Fig. 9C

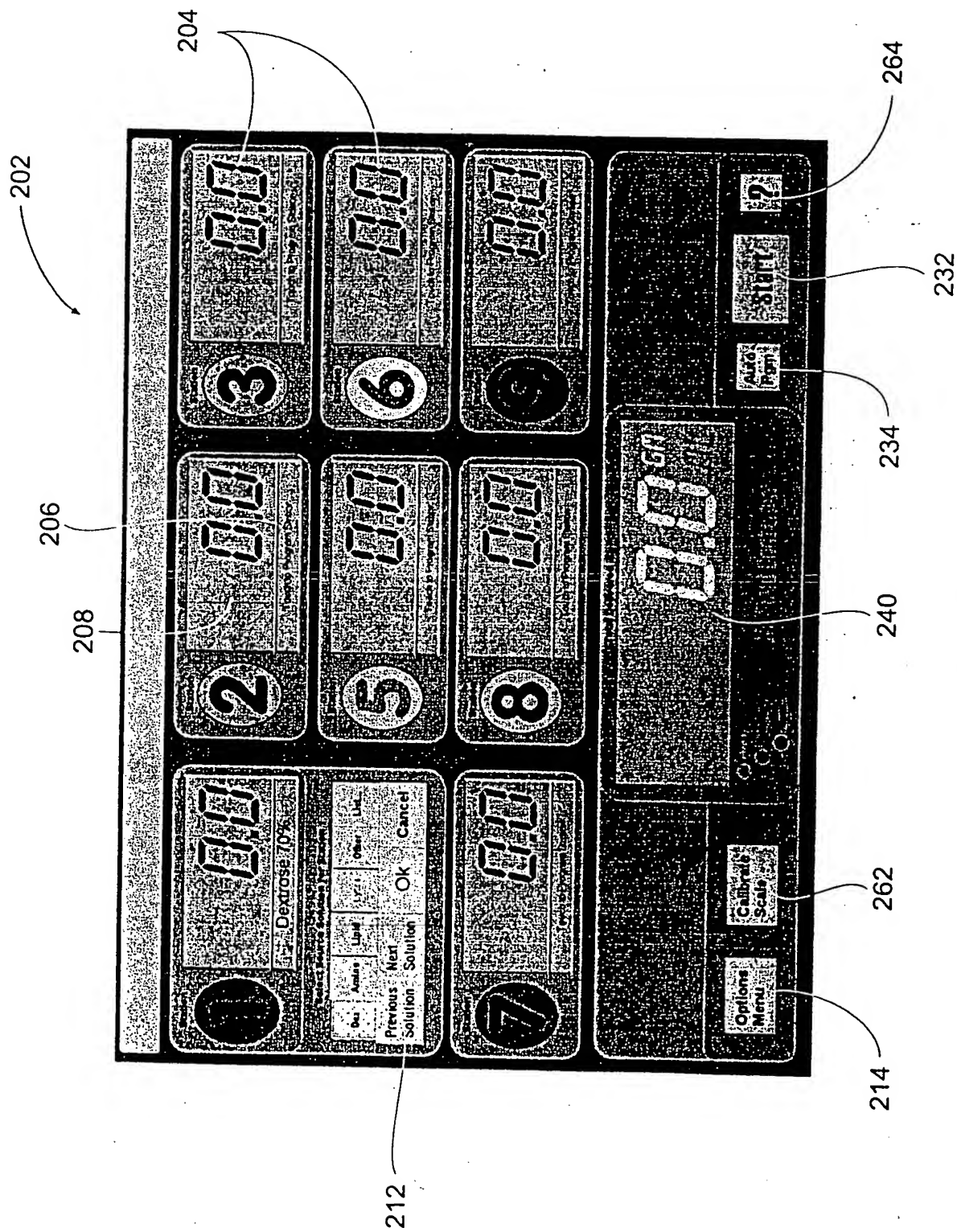


Fig. 9D

202

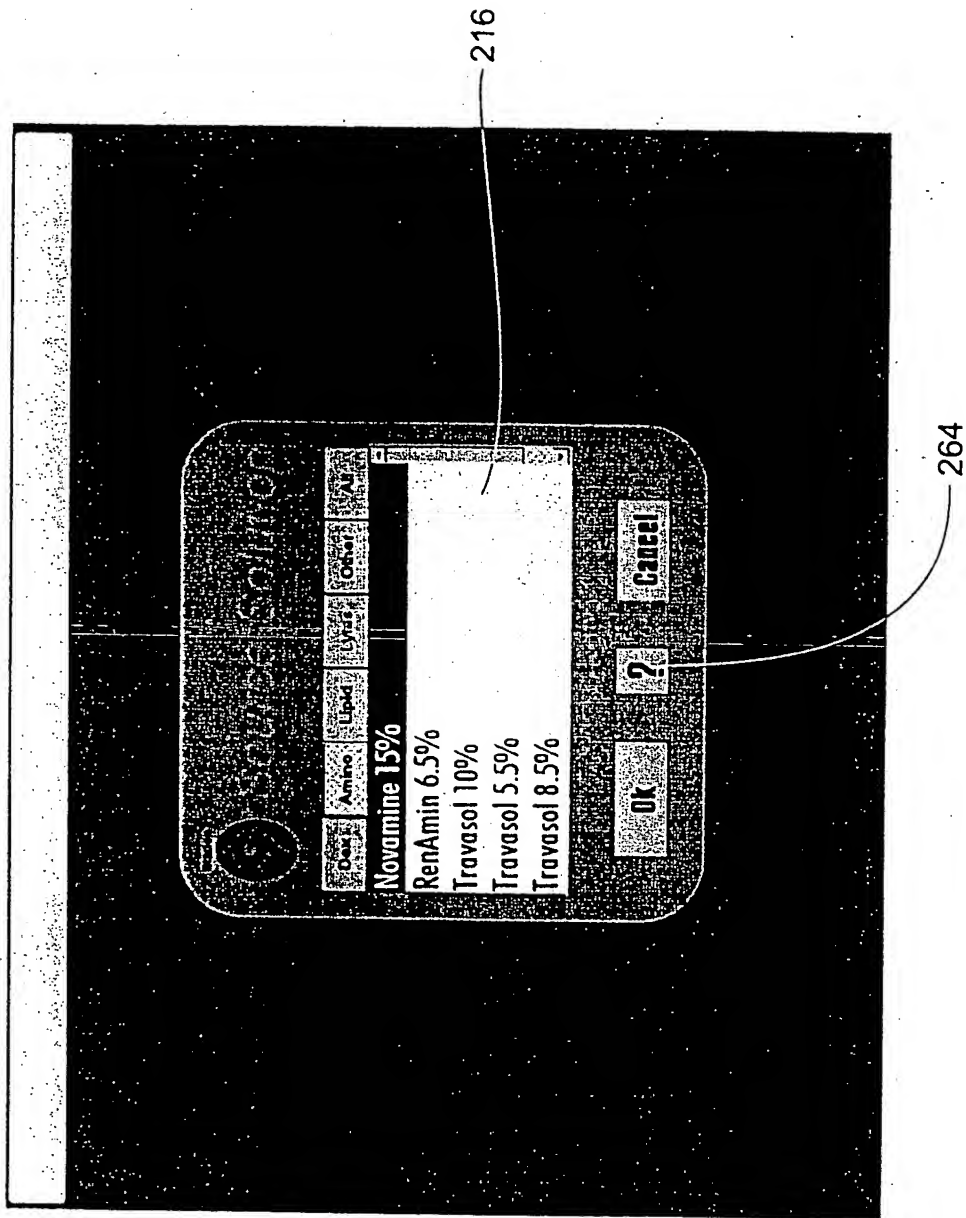


Fig. 9E

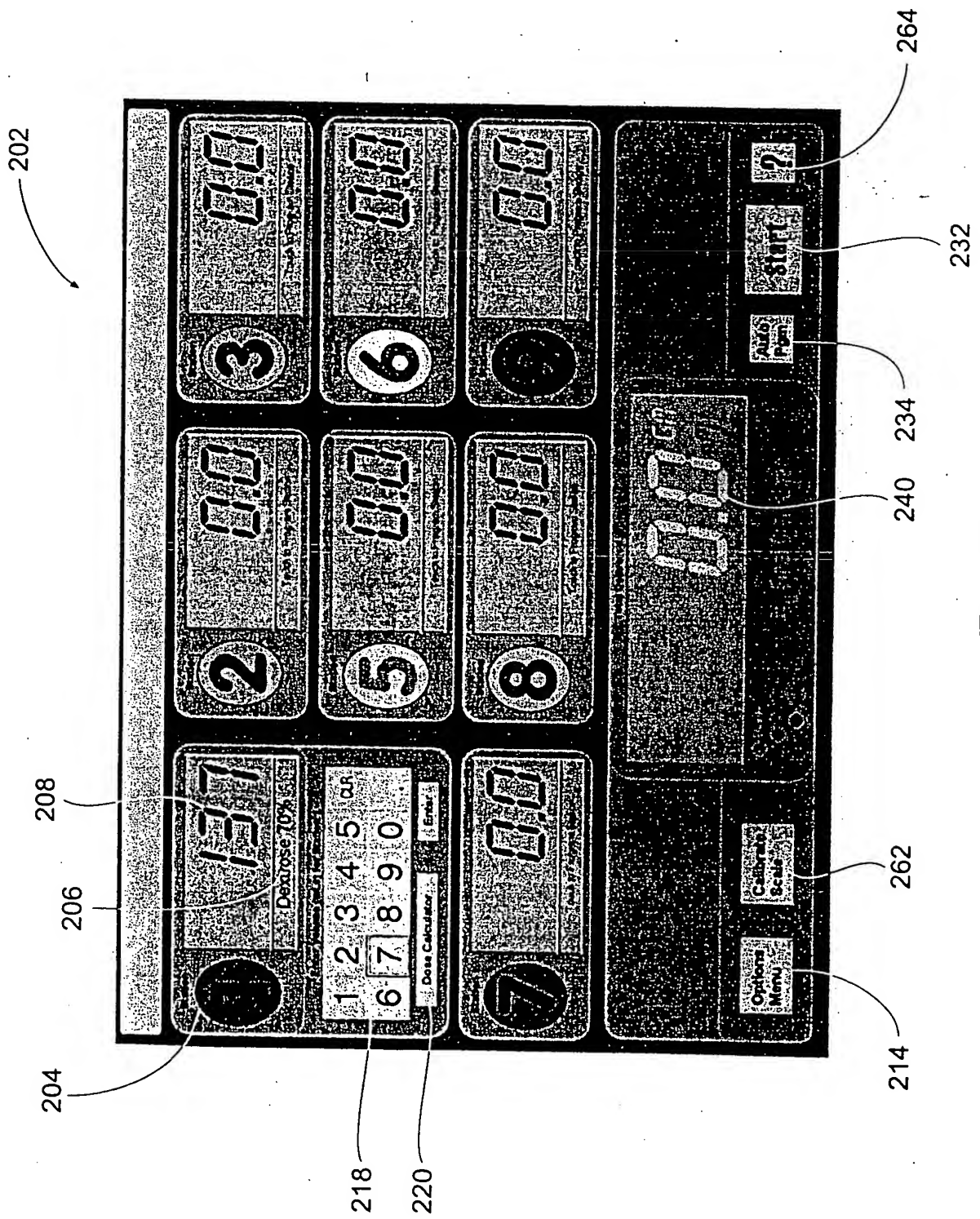


Fig. 9F

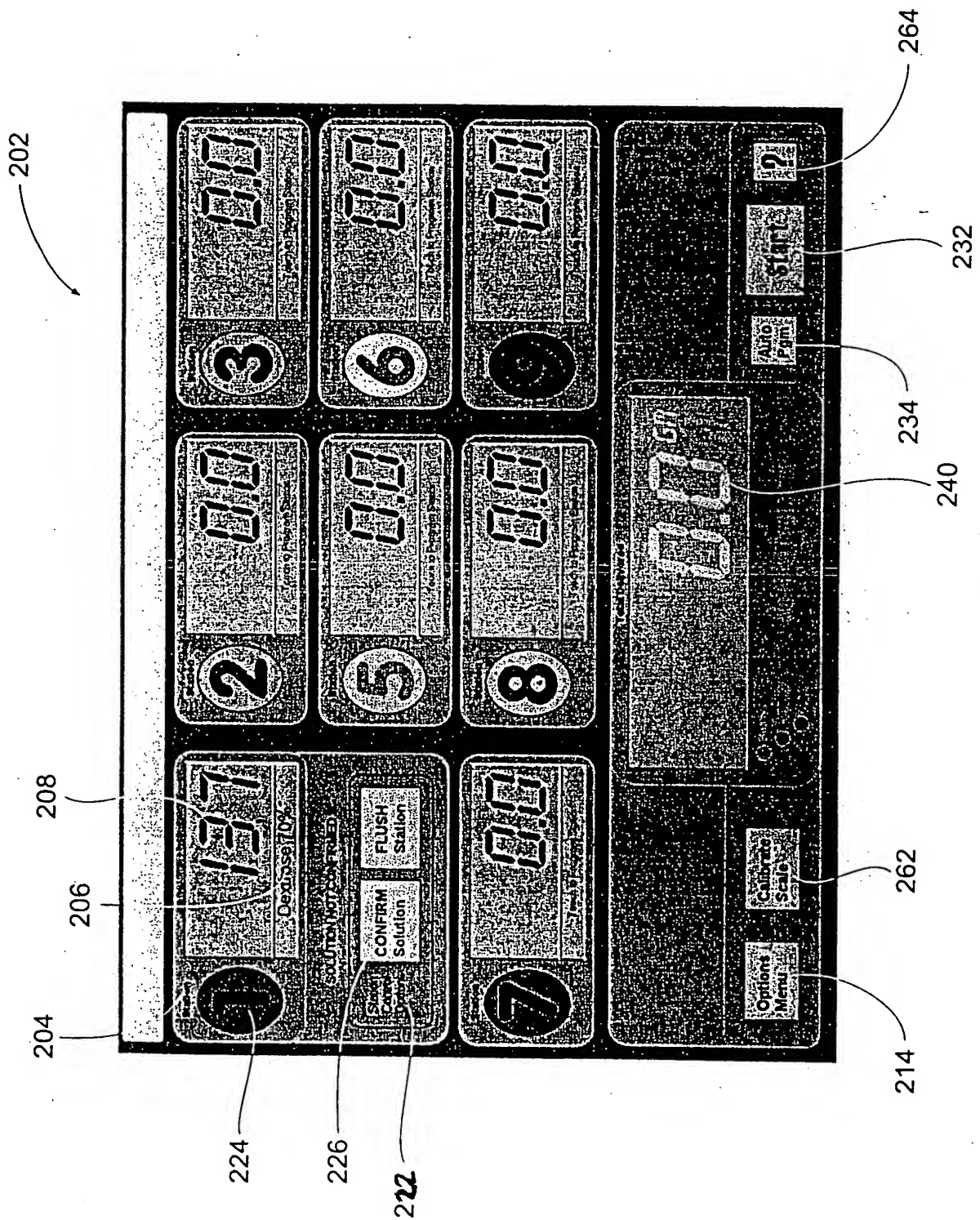
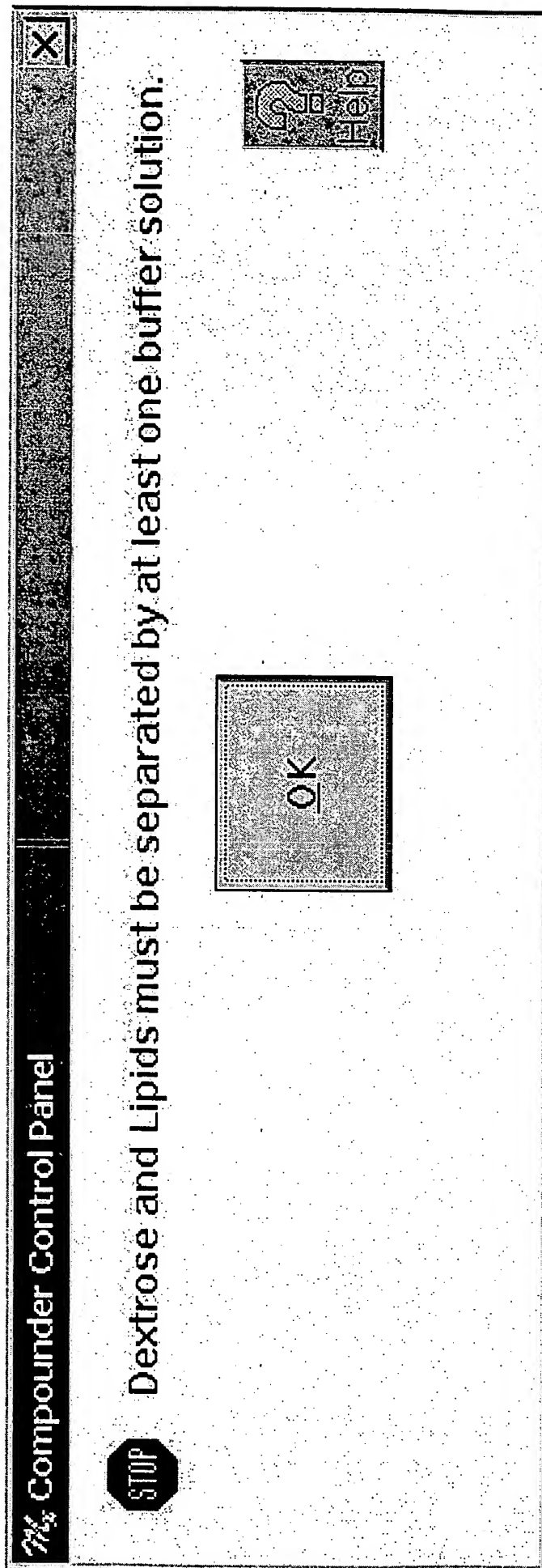


Fig. 9G

902



F16.96(1)

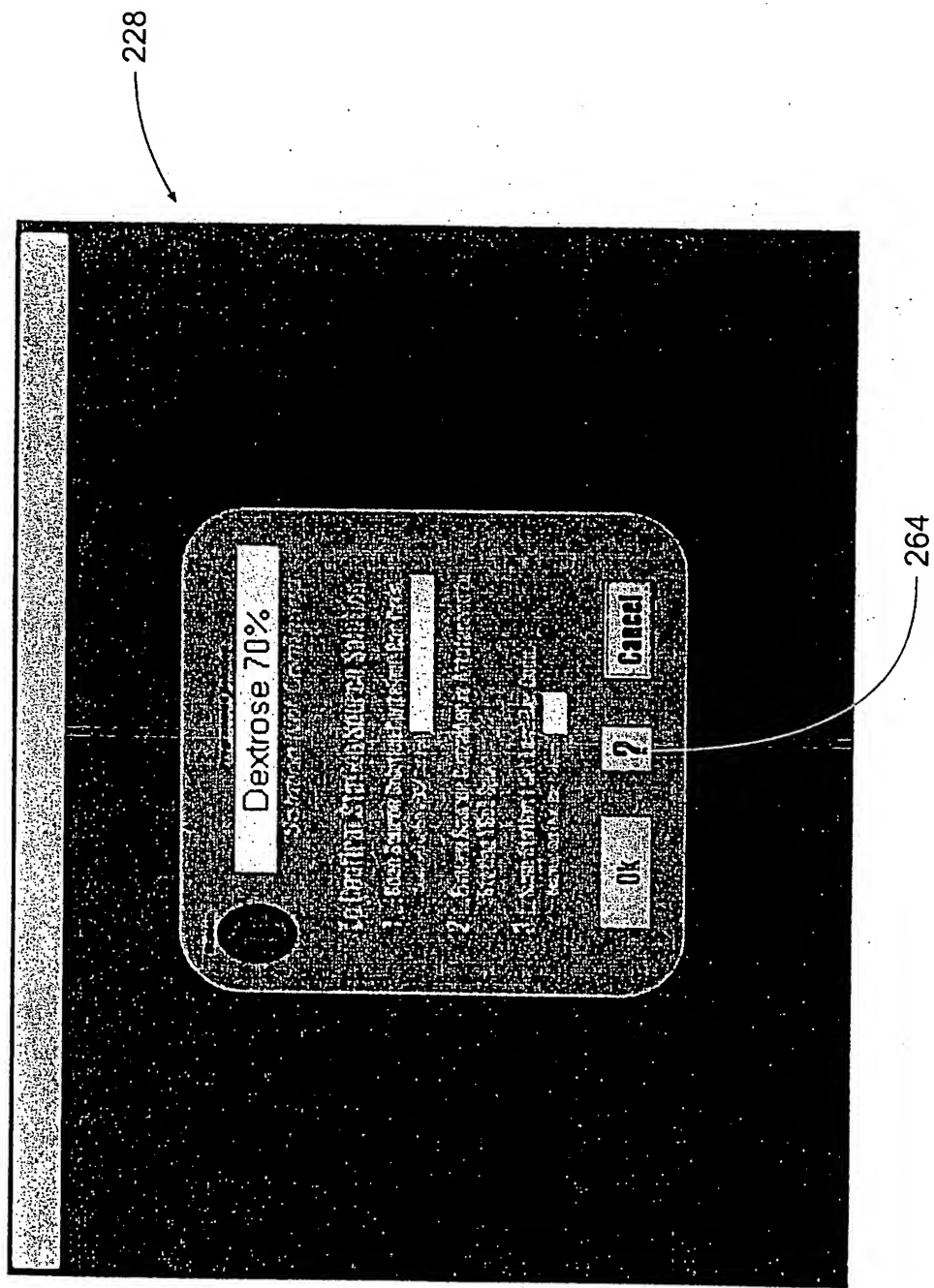


Fig. 9H

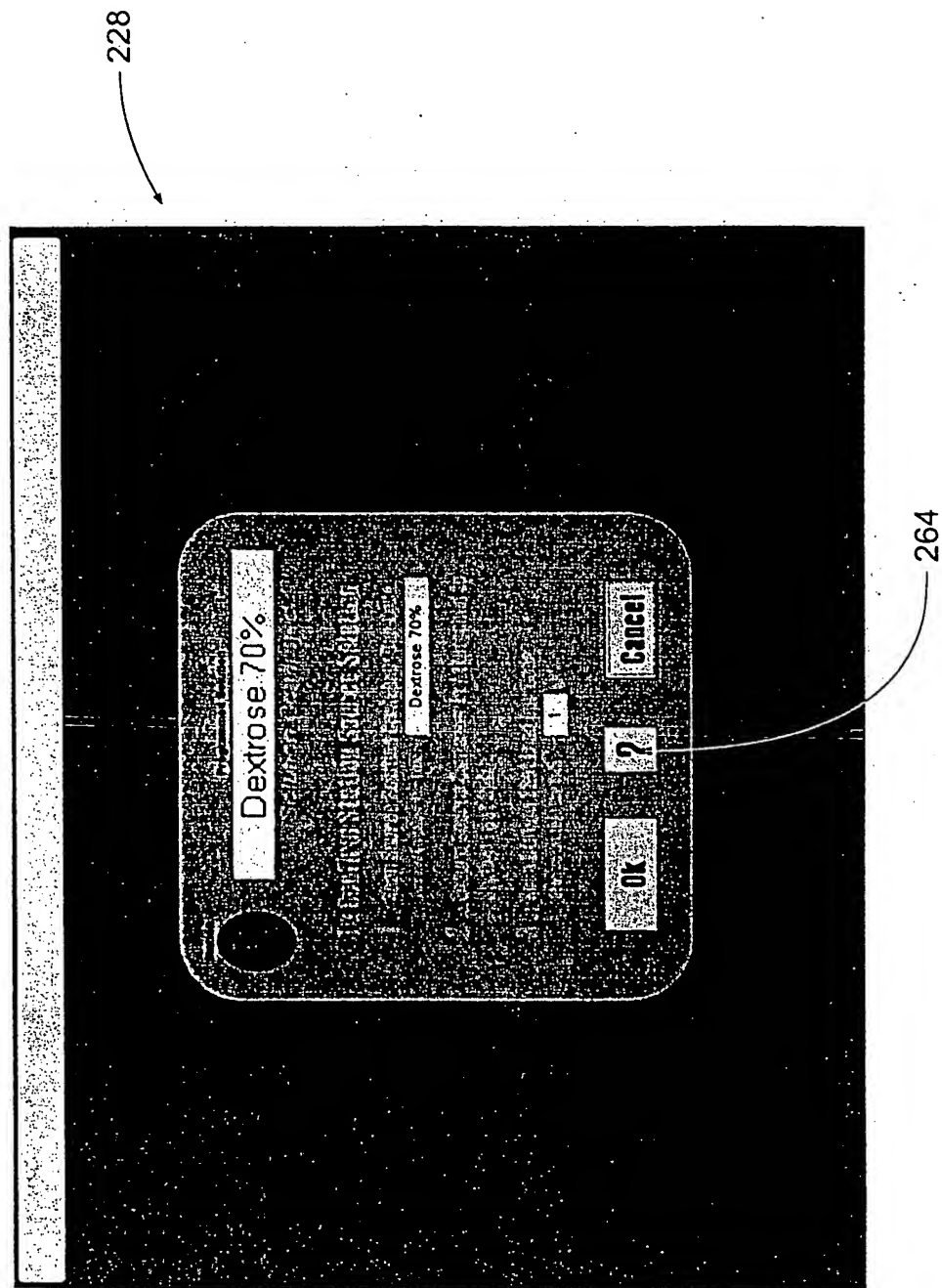


Fig. 9I(1)

900
✓

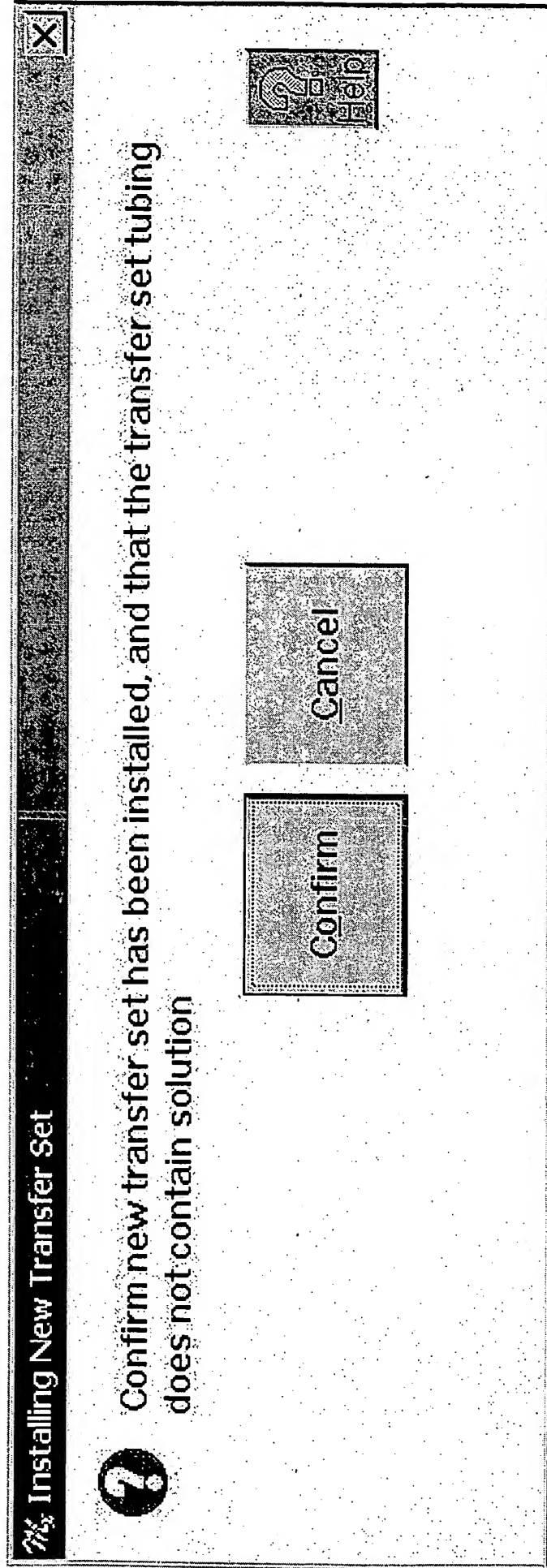


FIG 9I(2)

904

Source Solution Set Up [X]

Select the source solution set-up to use

Default Solution Set

Last Setup Used

Clear All Stations

☐ Check this box if a new transfer set is installed and the transfer set tubing is completely empty of solution

Cancel **?** **OK**

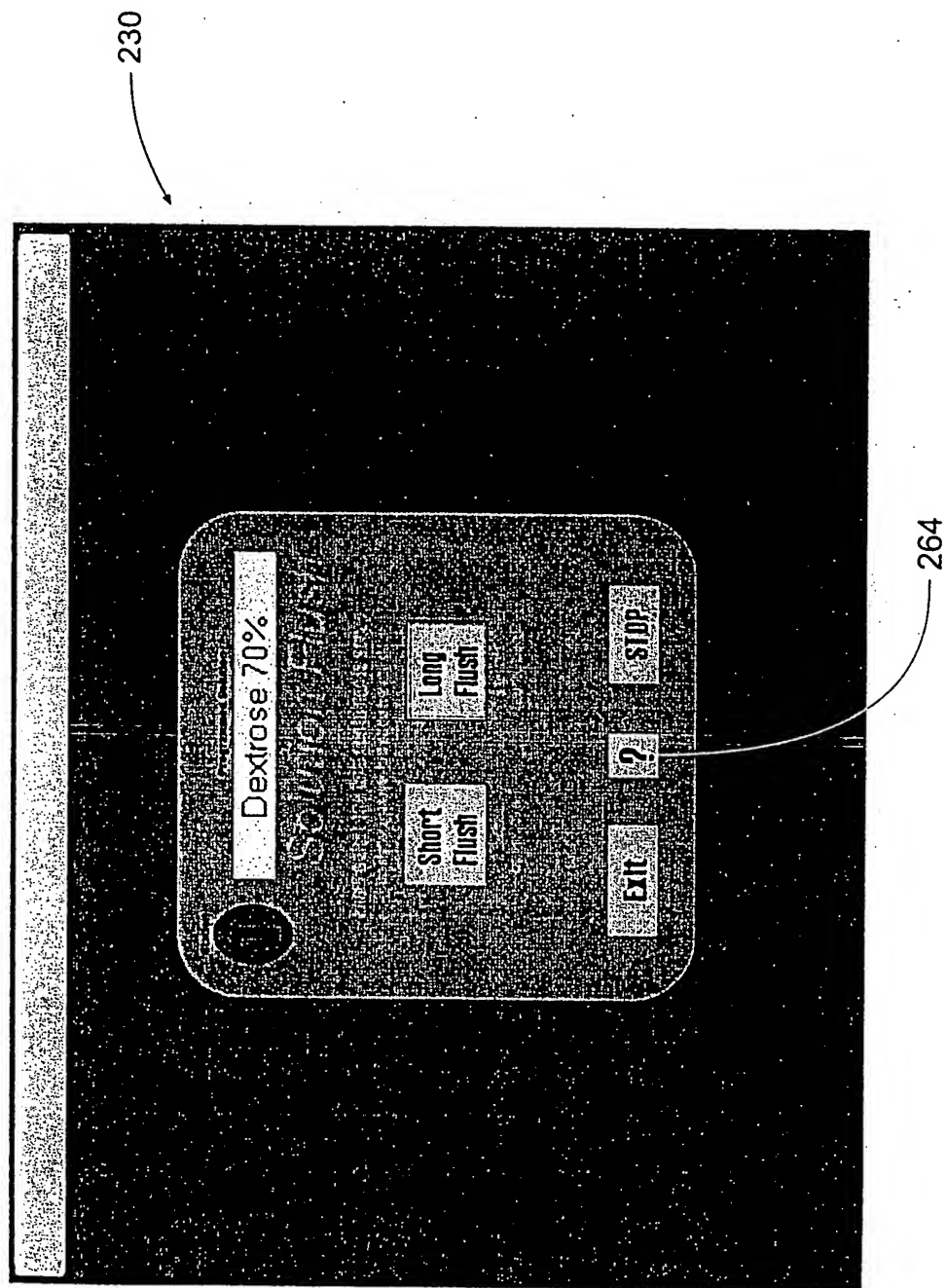


Fig. 9J

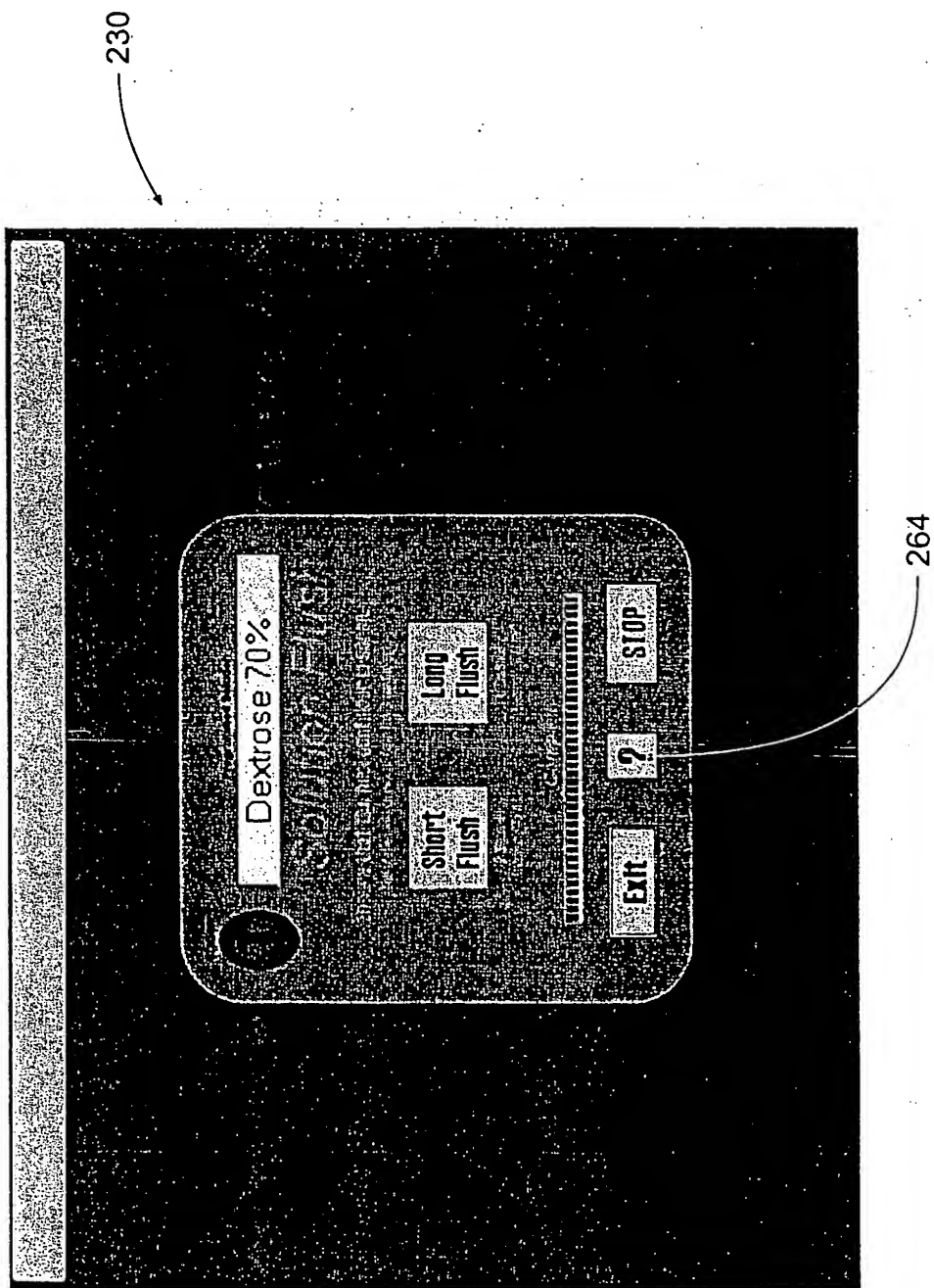


Fig. 9K

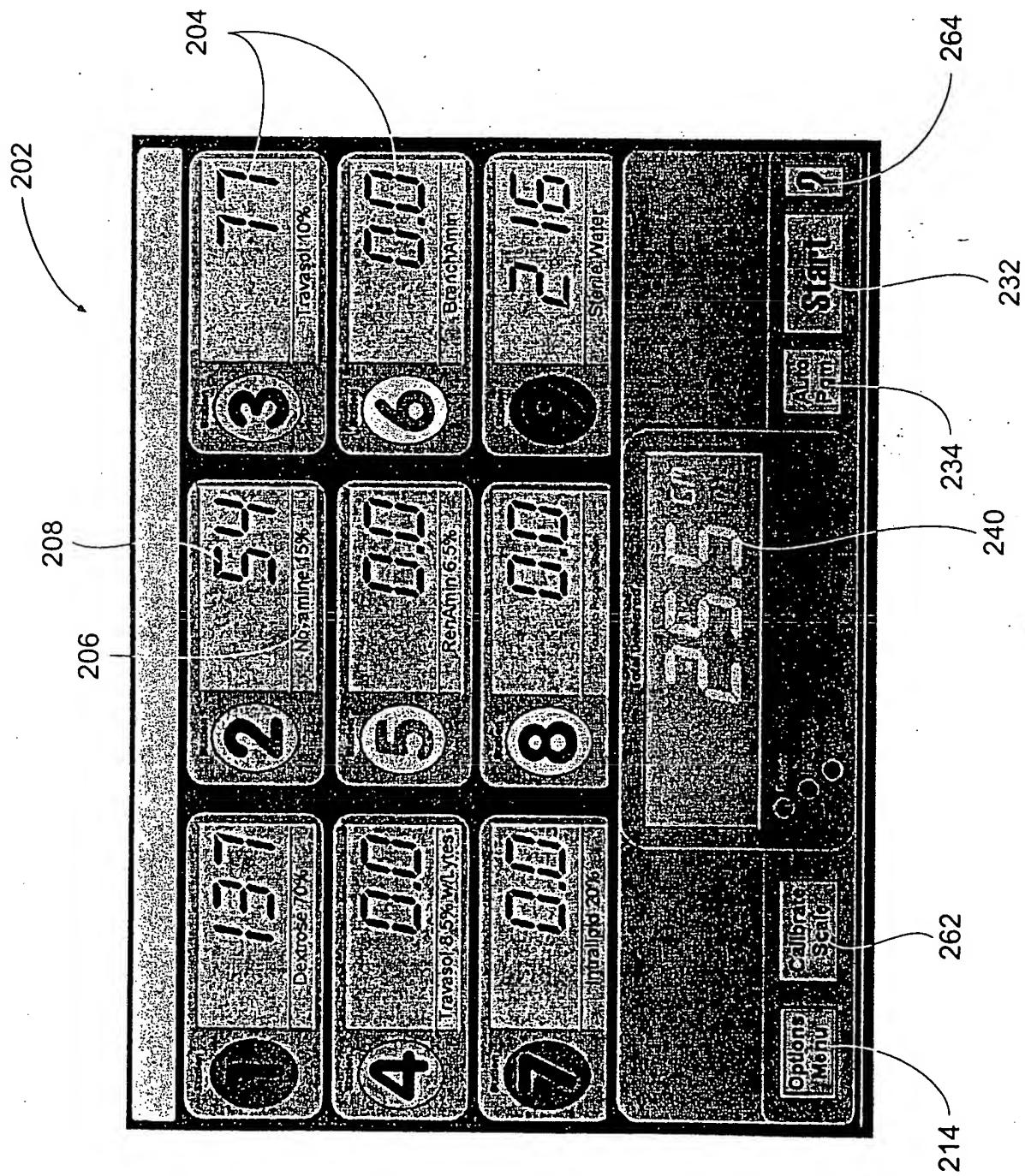


Fig. 9L

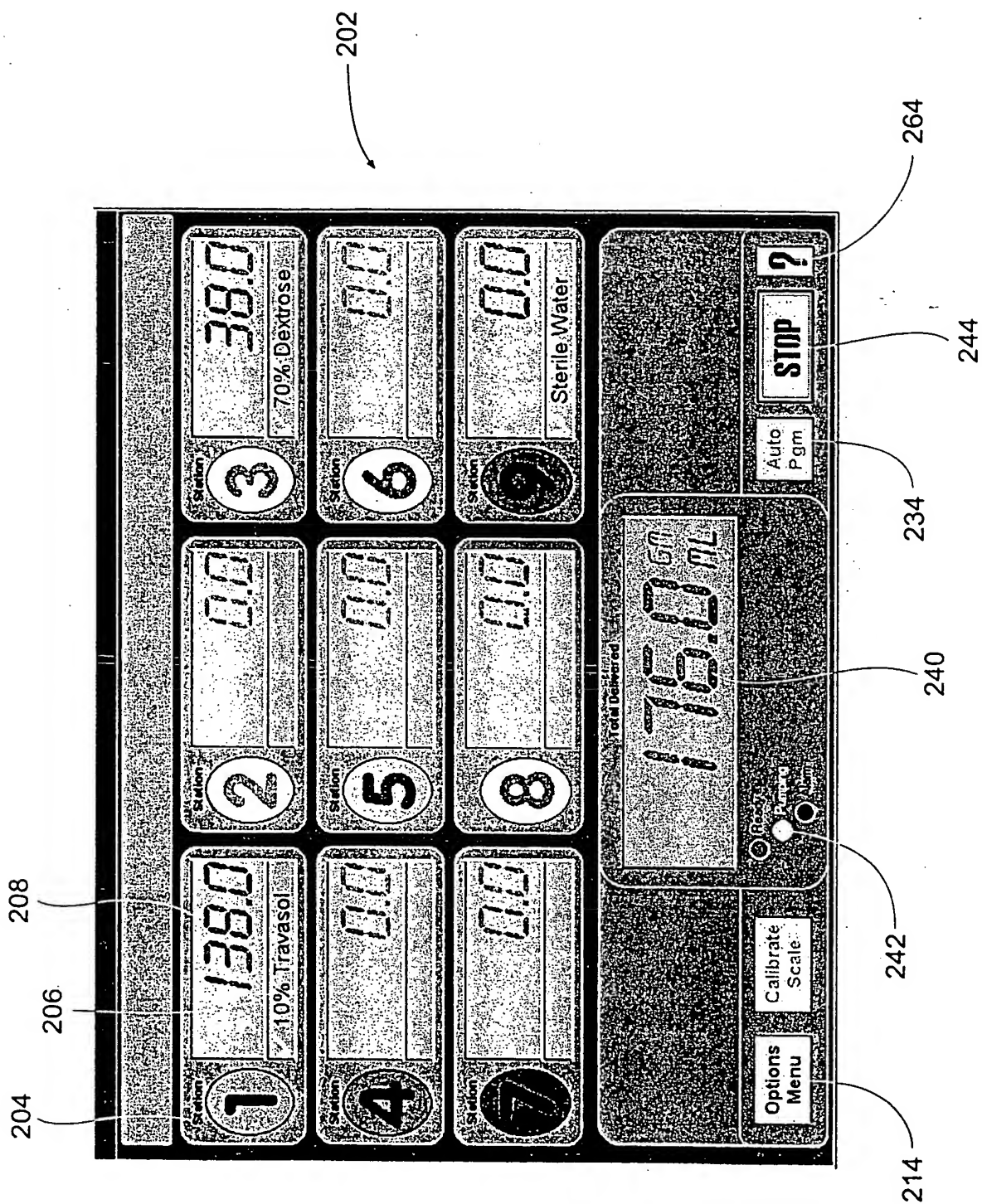


Fig. 9M

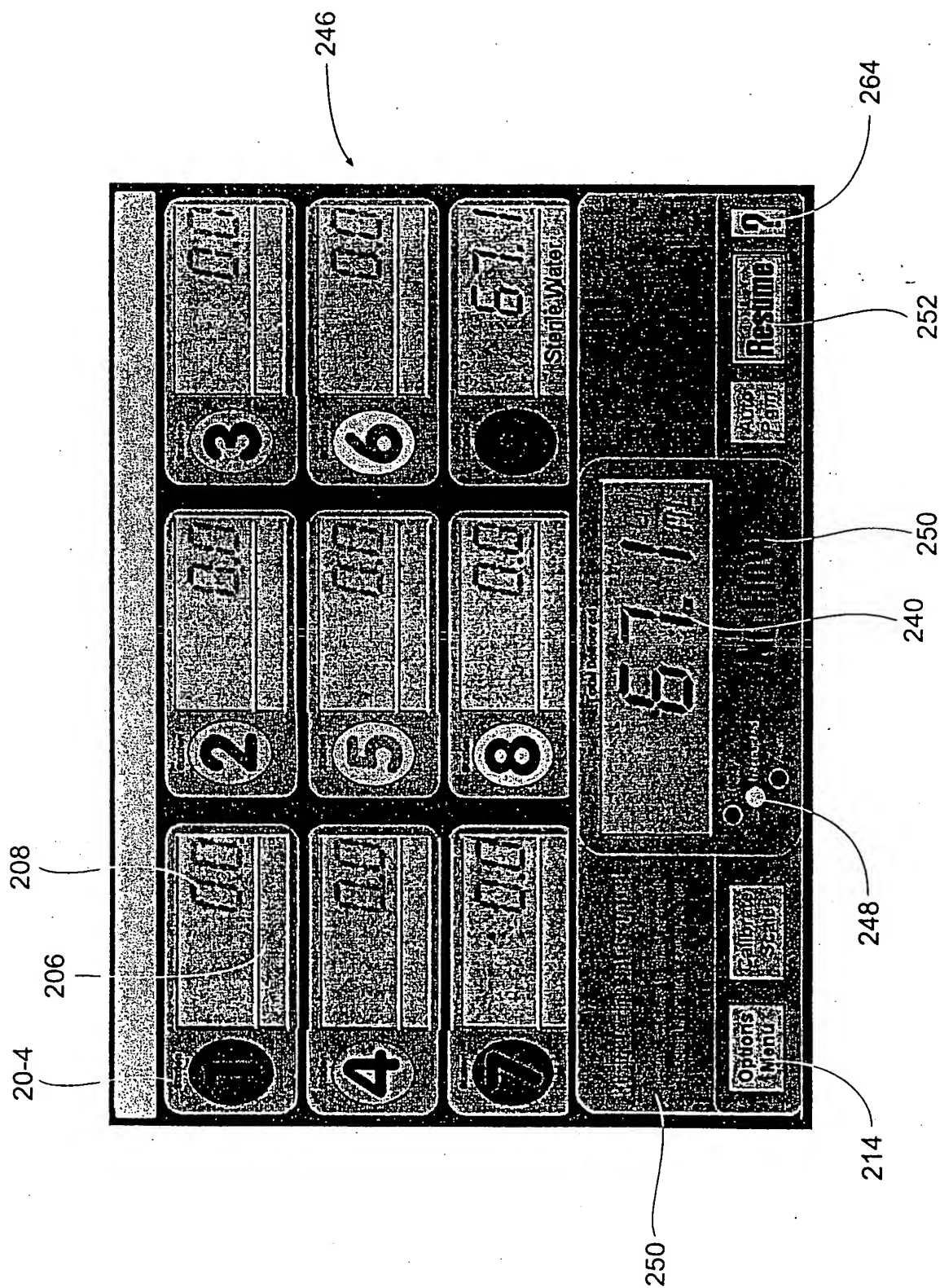


Fig. 9N

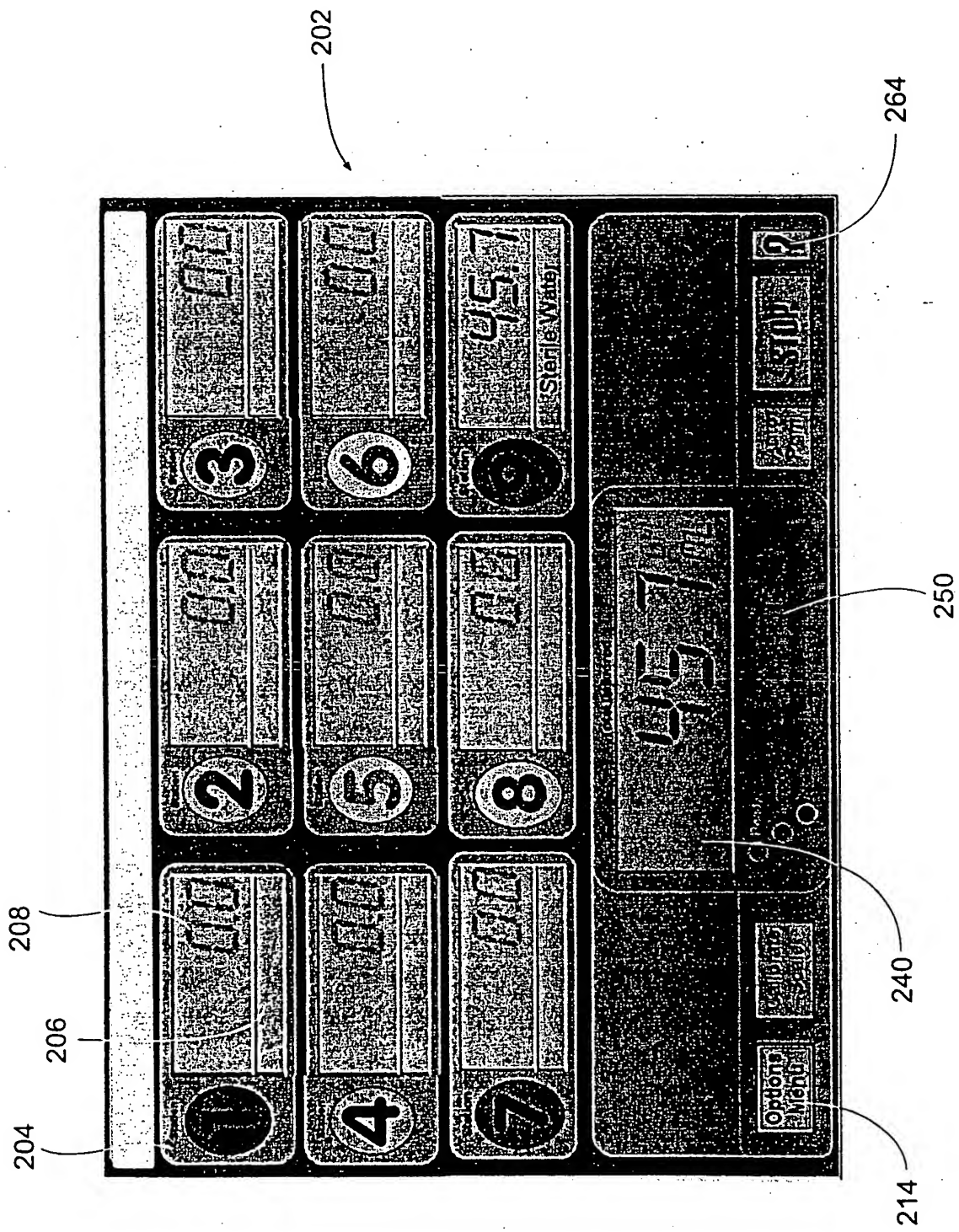


Fig. 90

910

77% Compounding Completed

Compounding Completed Successfully

912

Patient: **Unknown**

Order: **Manually Programmed**

914

Compounding Statistics Summary

Ordered	Delivered	Accuracy
150.0 mL	147.4 mL	98.3%
174.0 gm	170.9 gm	

916 918 920 922 924

926

Detail **?** **Ok**

FIG 90(1)

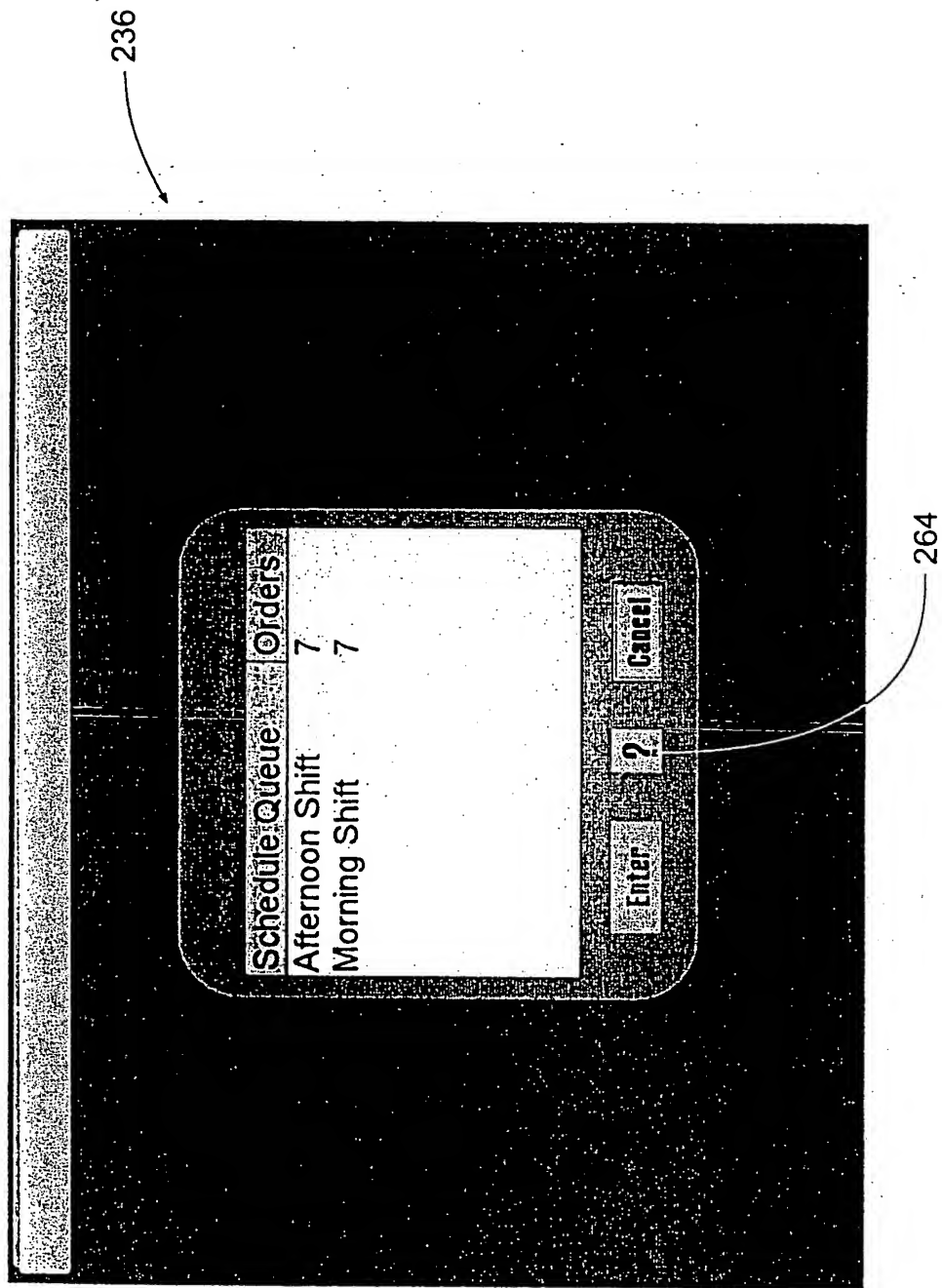


Fig. 9P

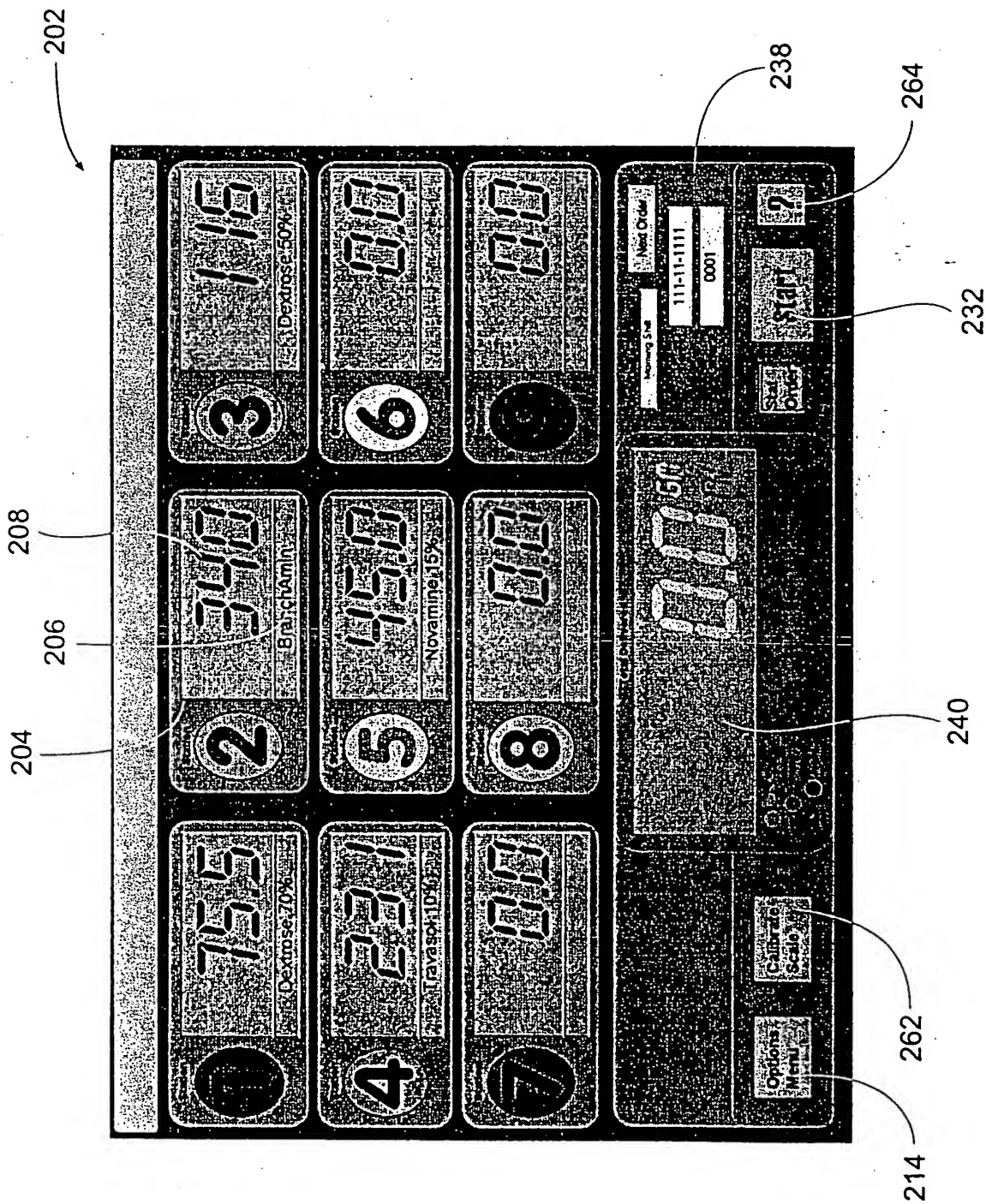


Fig. 9Q

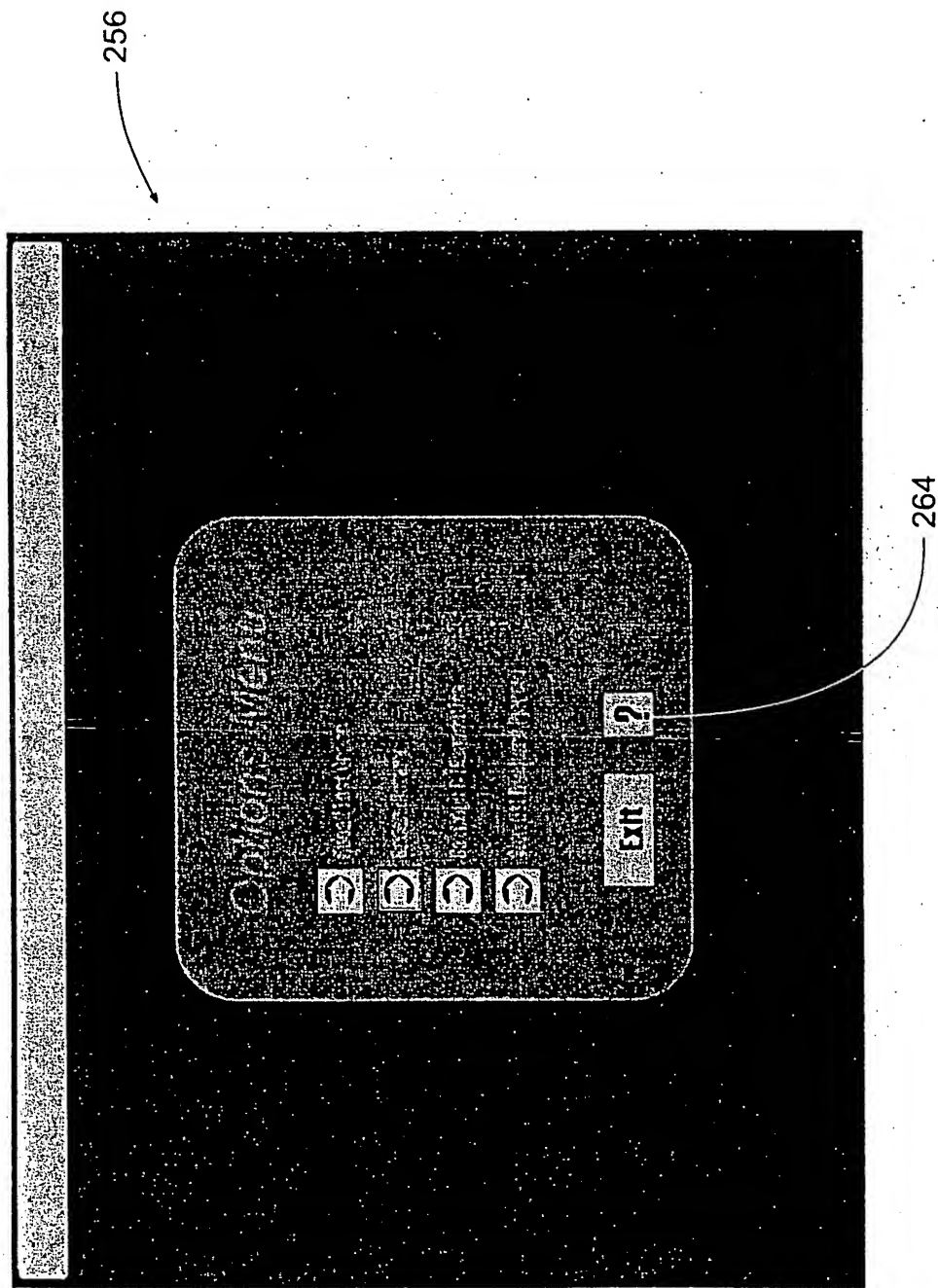


Fig. 9R

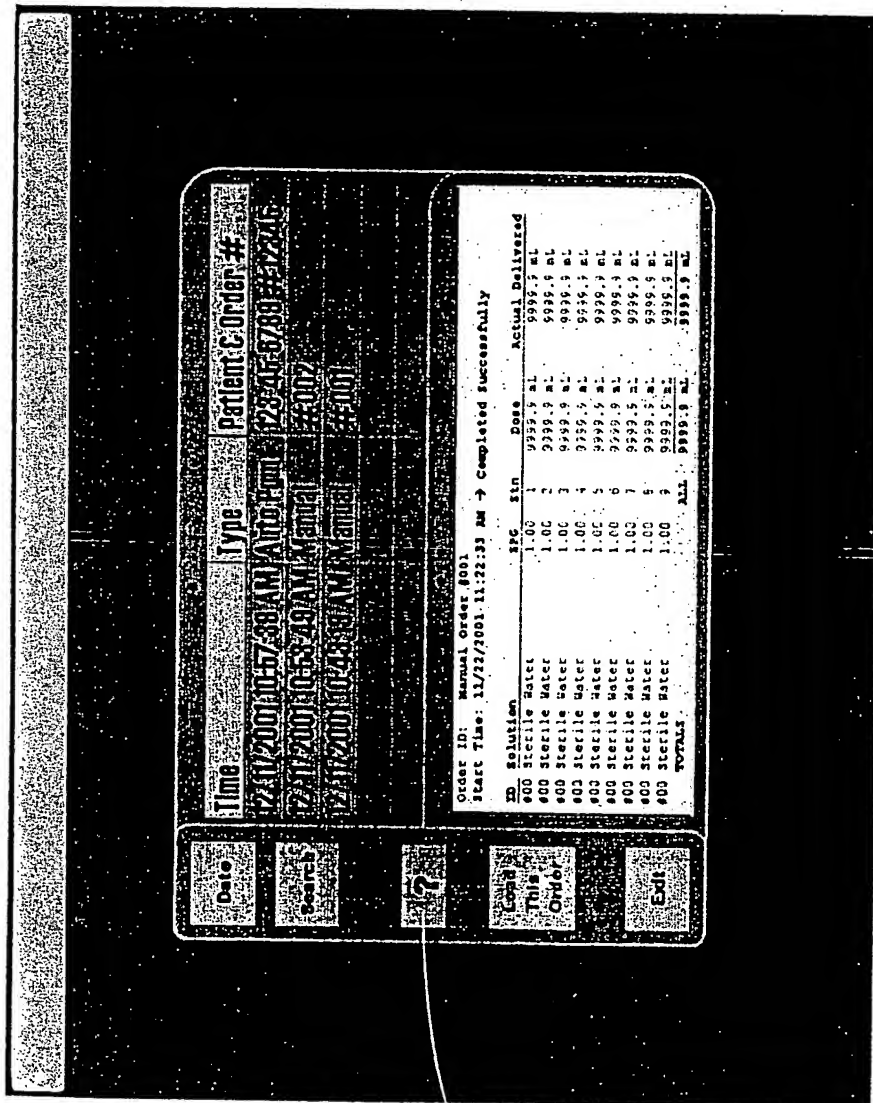


Fig. 9S

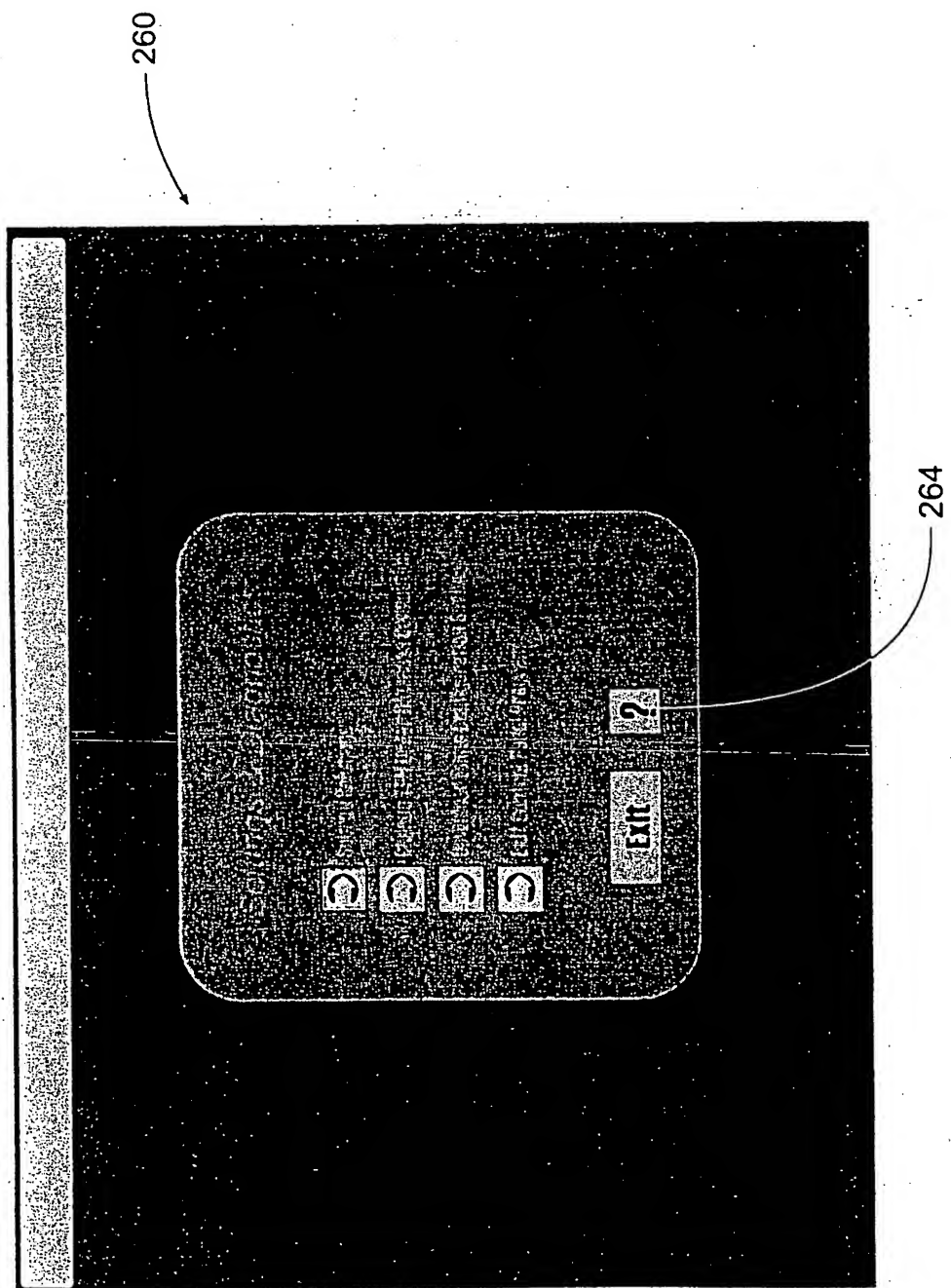


Fig. 9T

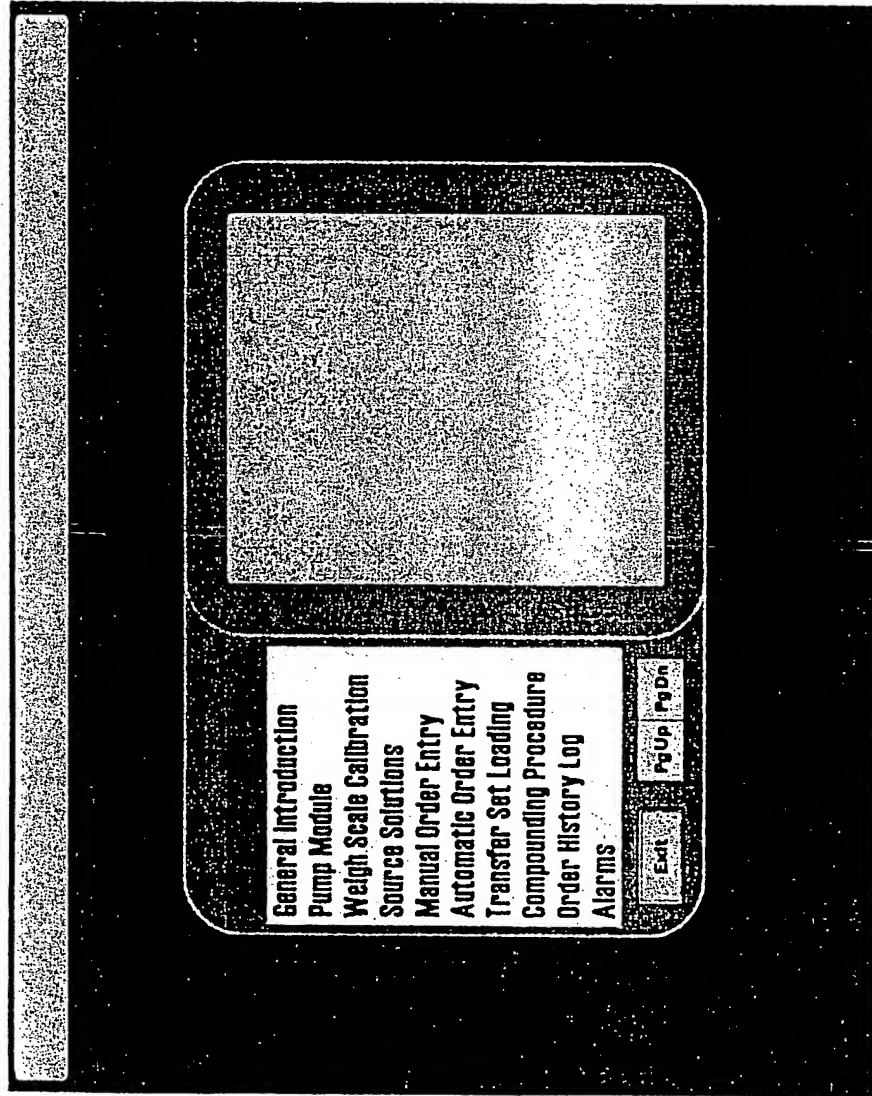
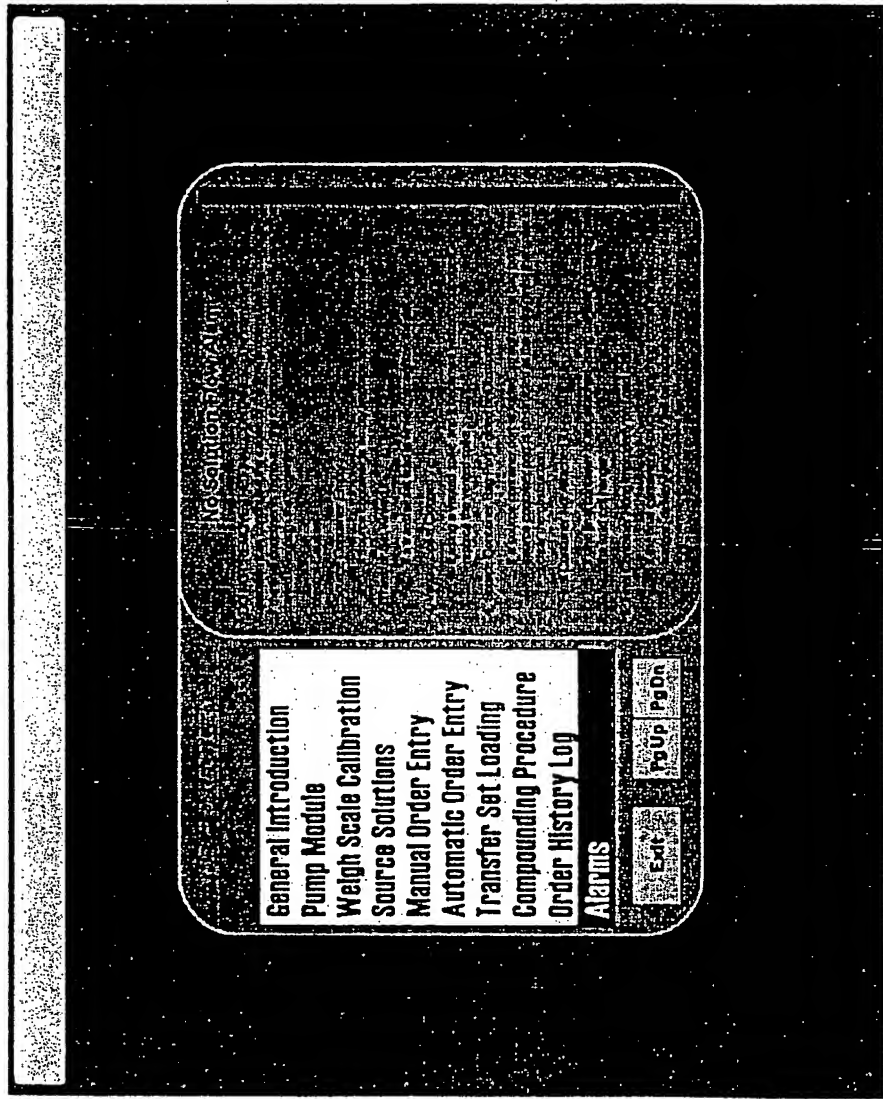


Fig. 9U



268

Fig. 9V

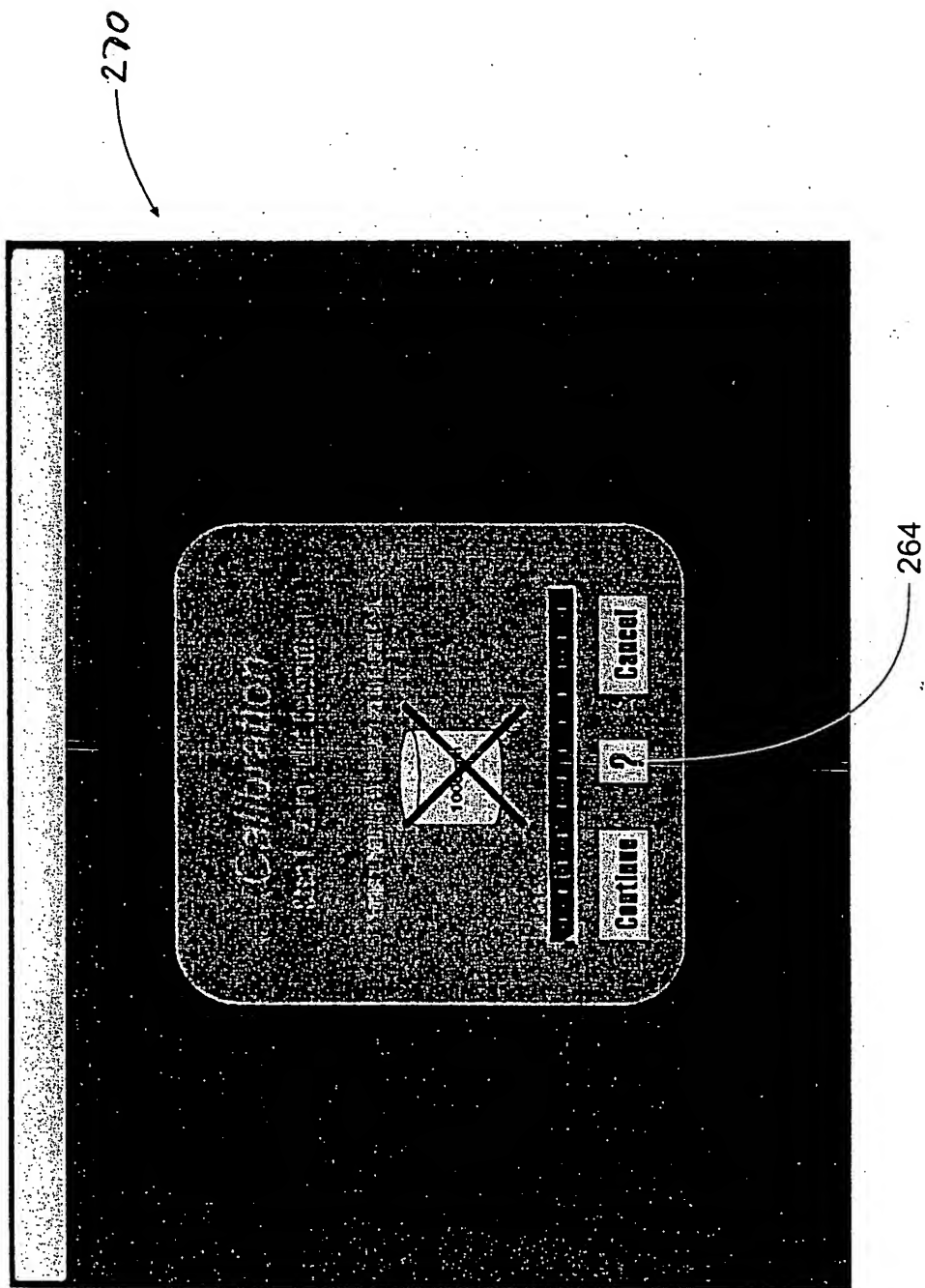


Fig. 9W

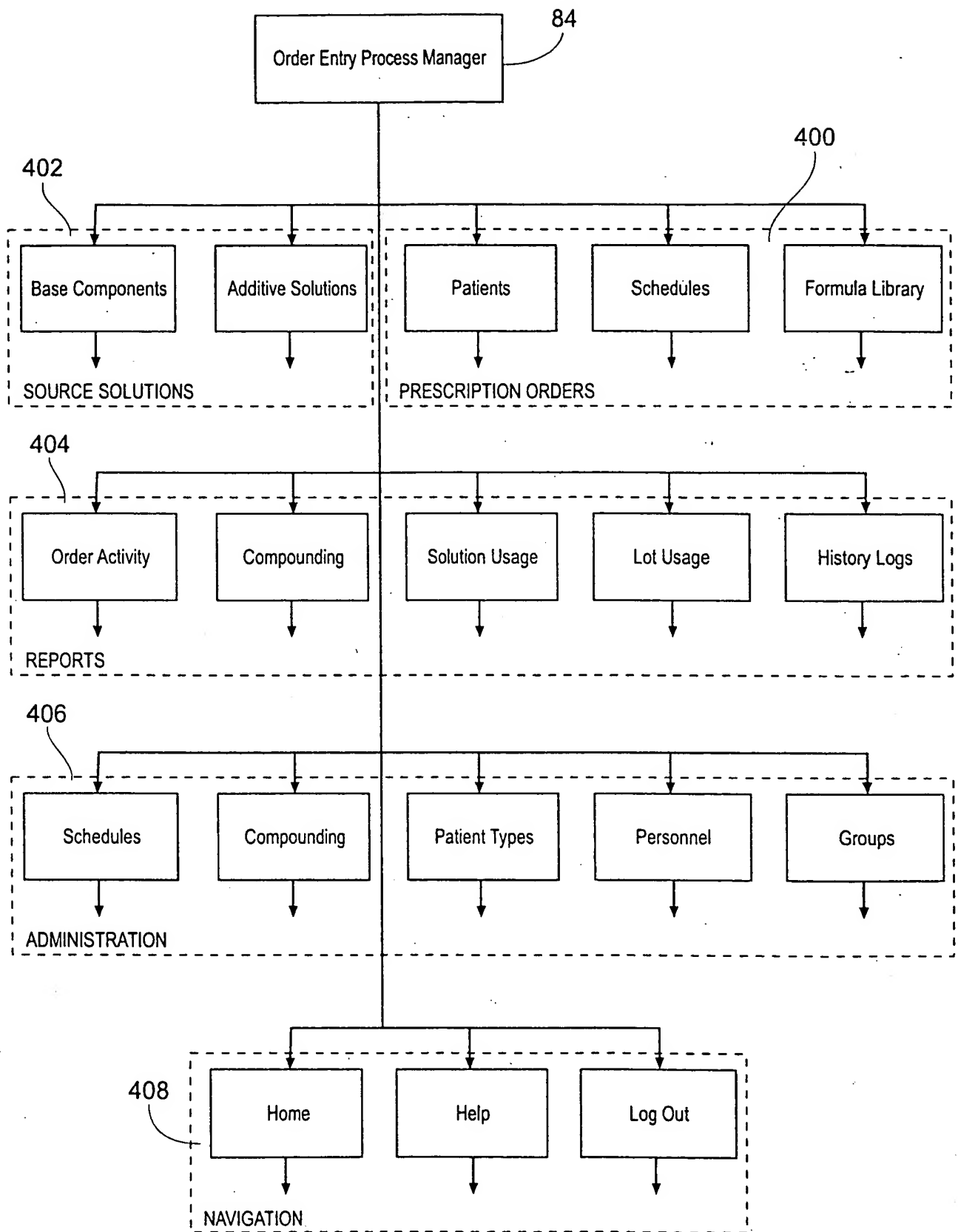
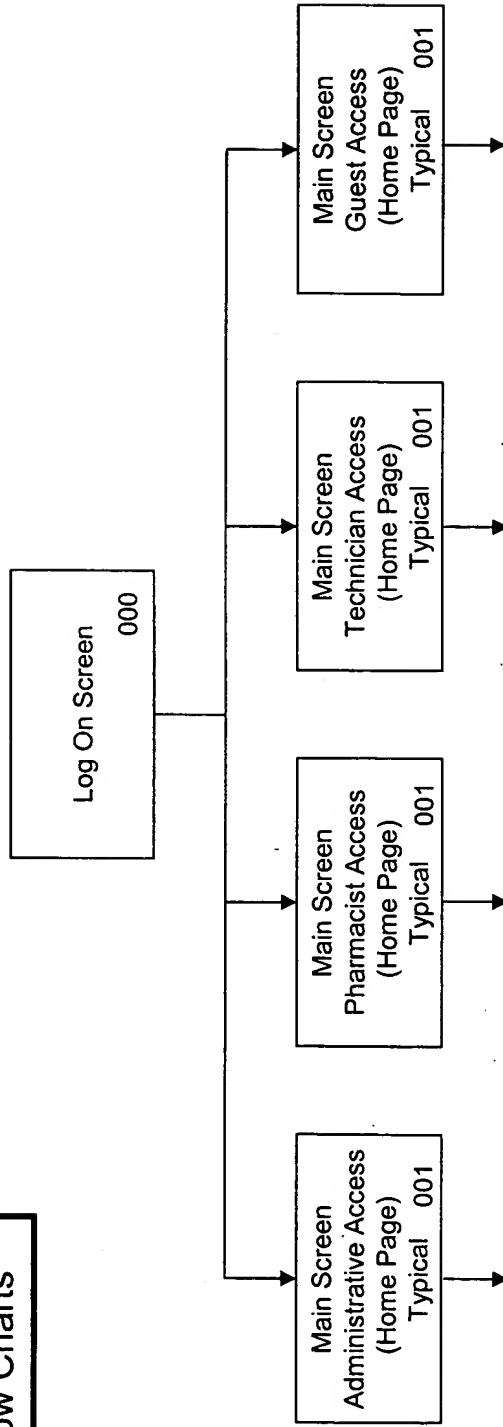


Fig. 10A (1)

TPN Order Entry System Flow Charts



Notes: Above access levels are "typical." Access to system functionality is a direct function of the individual's granted access options.

Access titles (e.g., Administrative, Pharmacist, etc.) are not fixed and are instead examples of the type of levels that can be set up by the user.

Screen numbers are three digit code located in lower right corner of each flow chart box.

Fig 10 A (2)

TPN Order Entry System Flow Charts

Main Screen
Administrative Access
(Home Page)
Typical 001

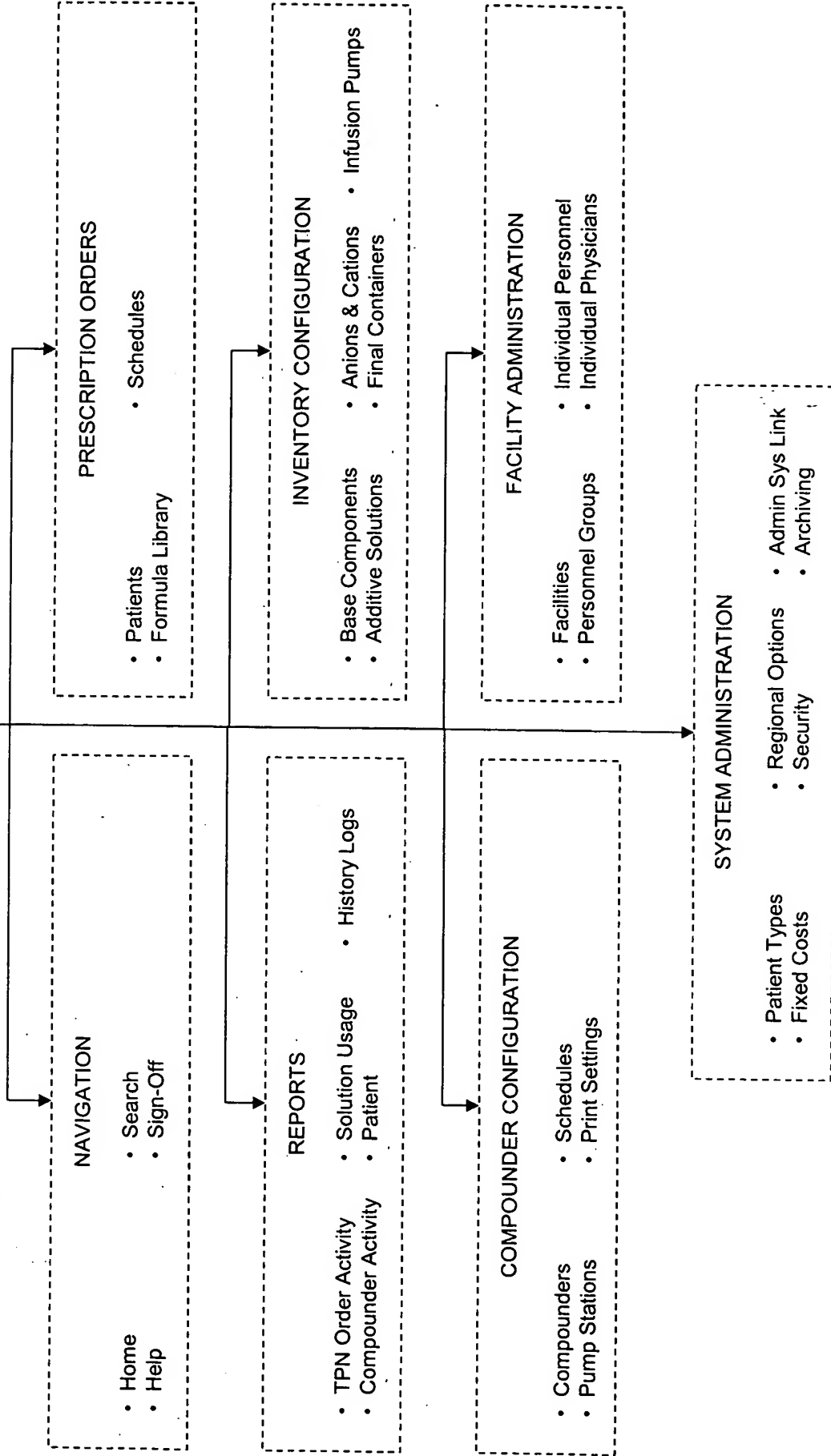
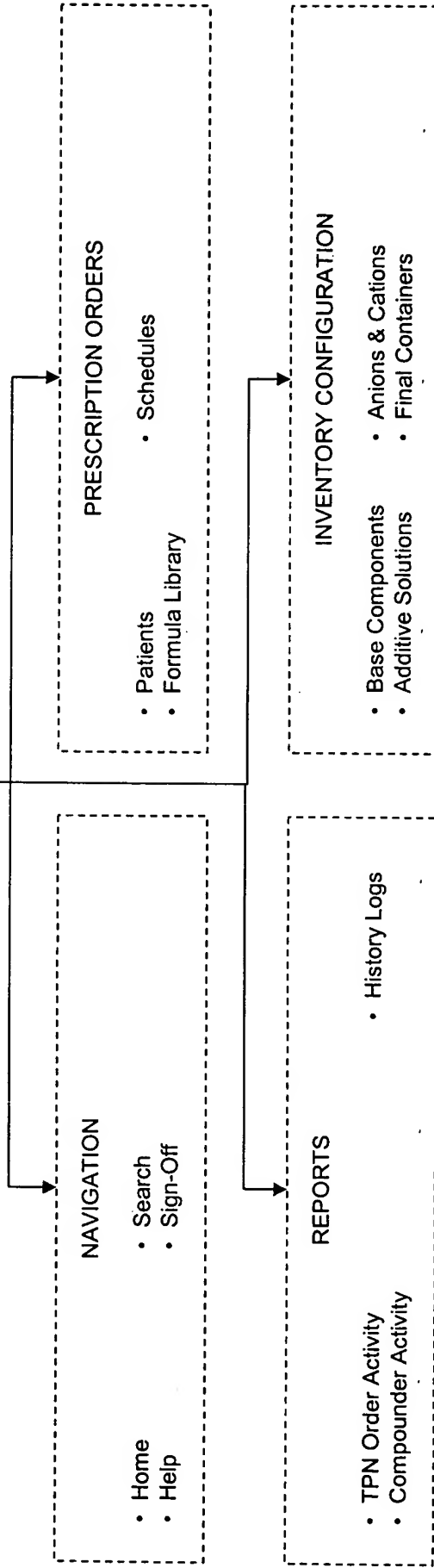


Fig 10 A (3)

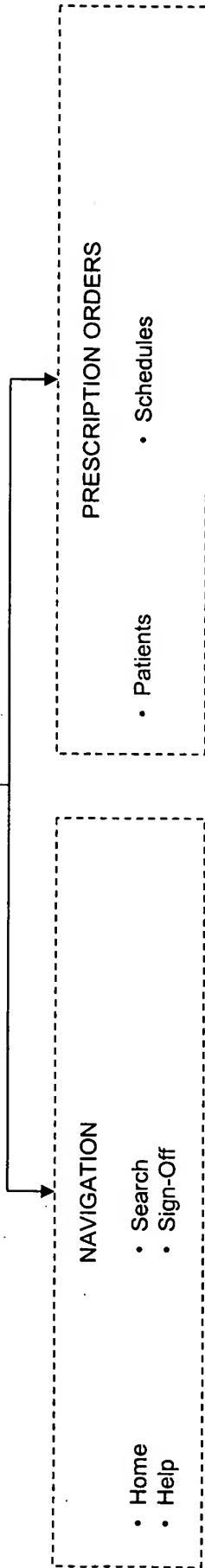
TPN Order
Entry System
Flow Charts

Main Screen
Pharmacist Access
(Home Page)
Typical 001



TPN Order
Entry System
Flow Charts

Main Screen
Technician Access
(Home Page)
Typical 001



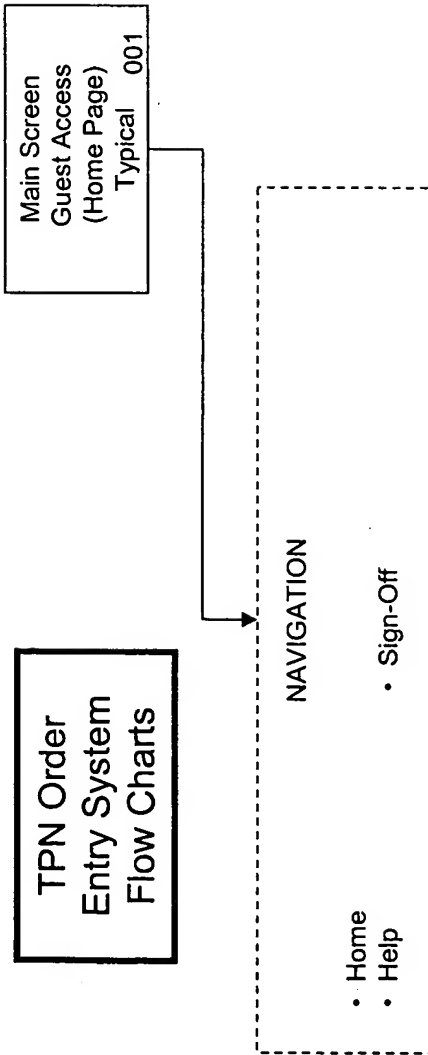


Fig 10A(6)

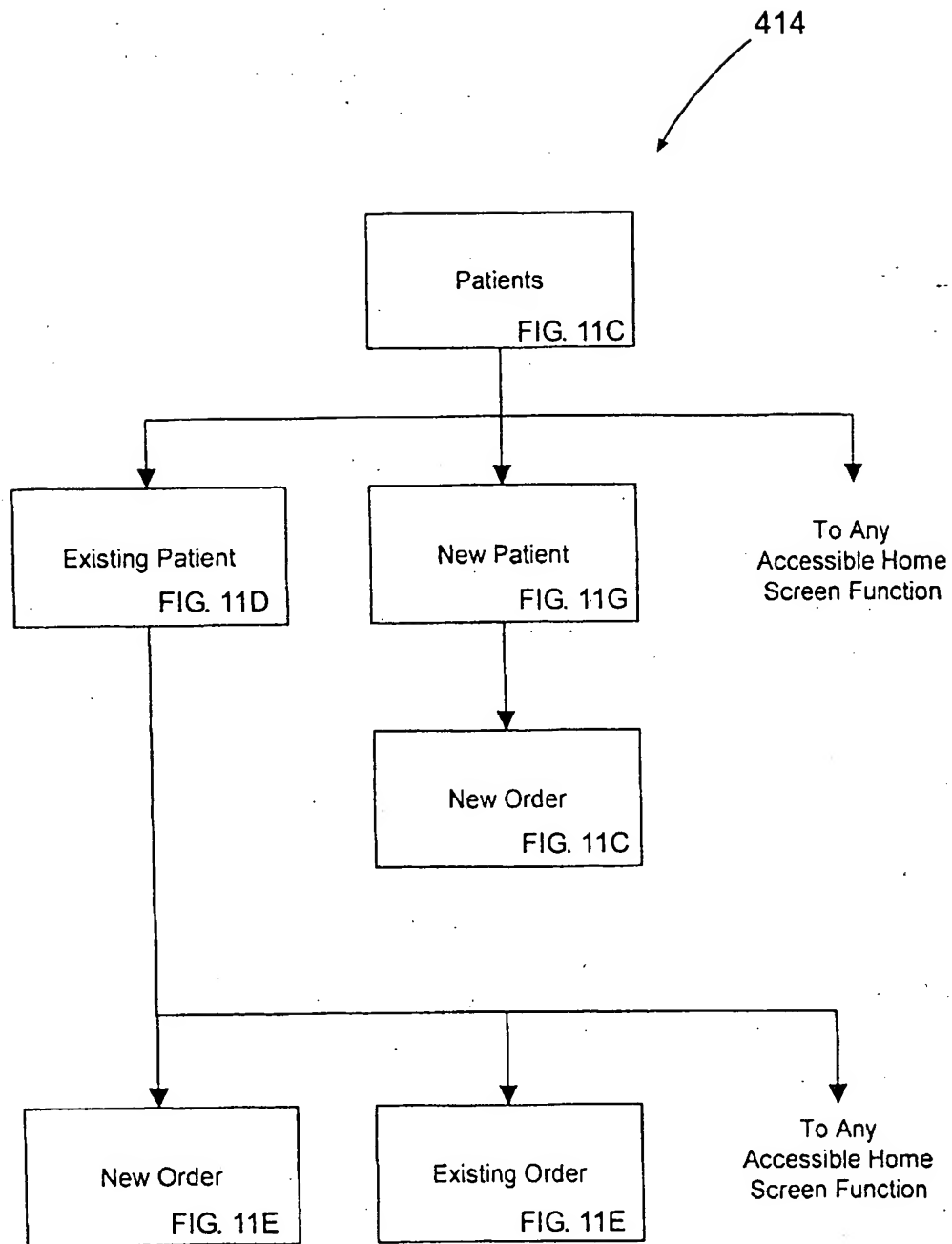


Fig. 10B

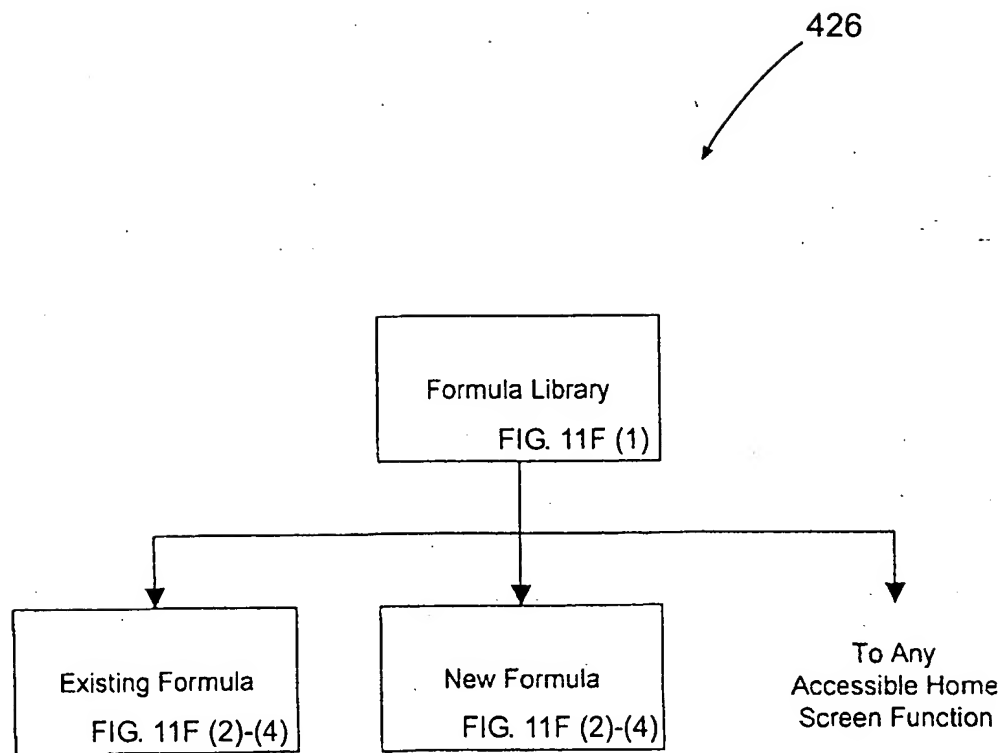


Fig. 10C

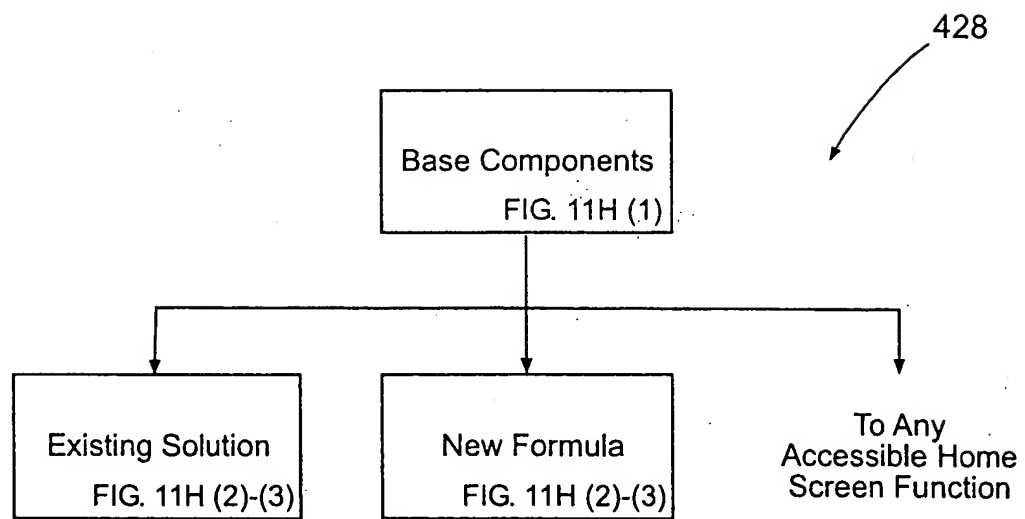


Fig. 10D

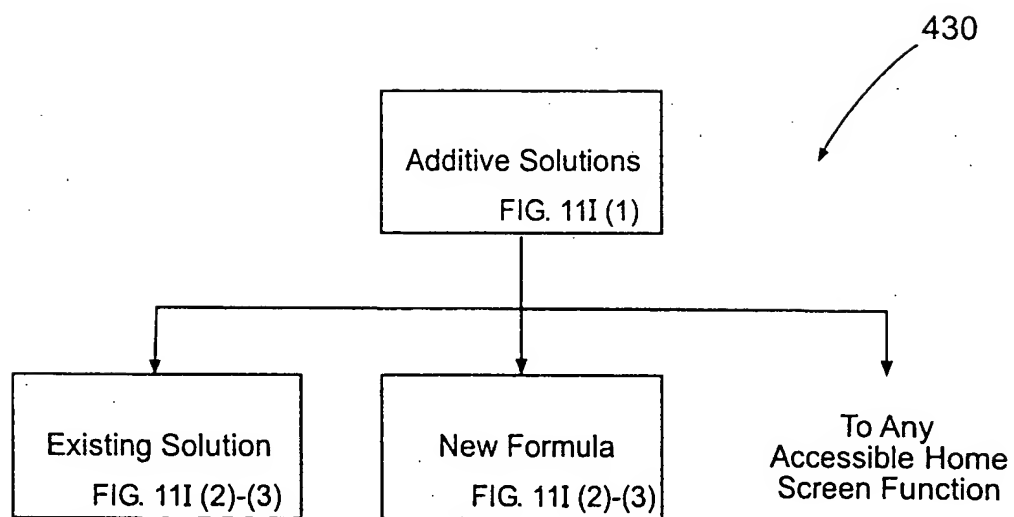
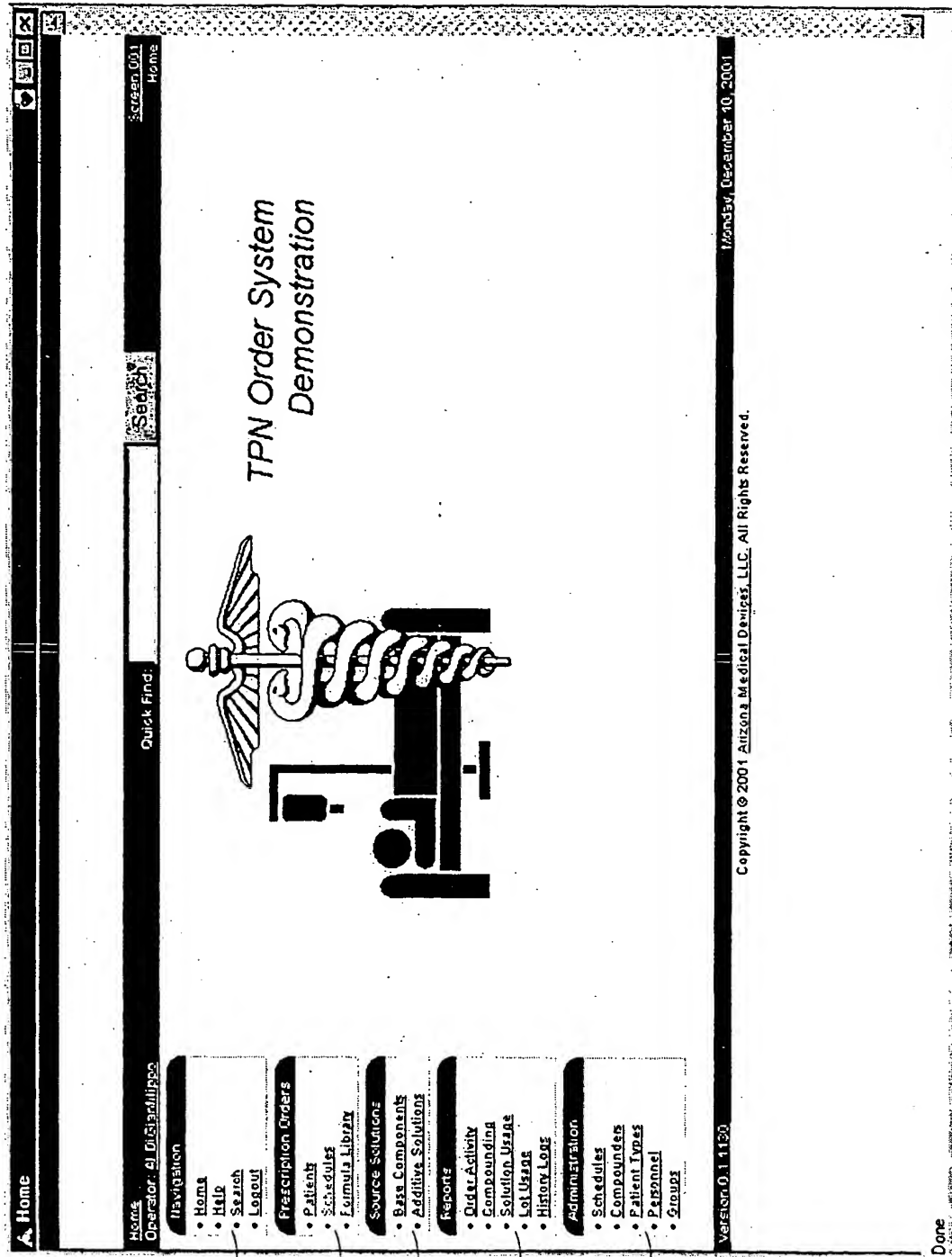


Fig. 10E



410

Fig. 11A

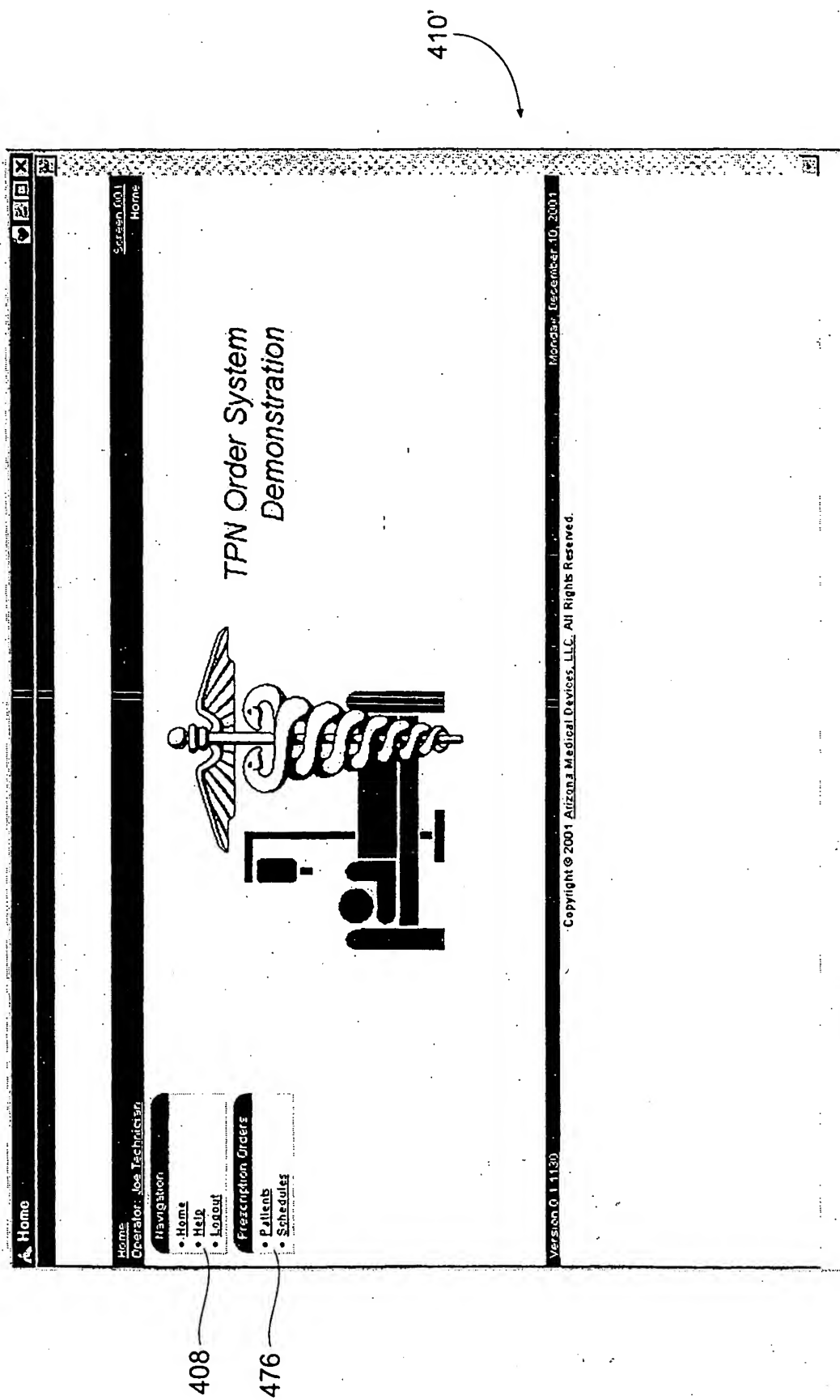


Fig. 11B

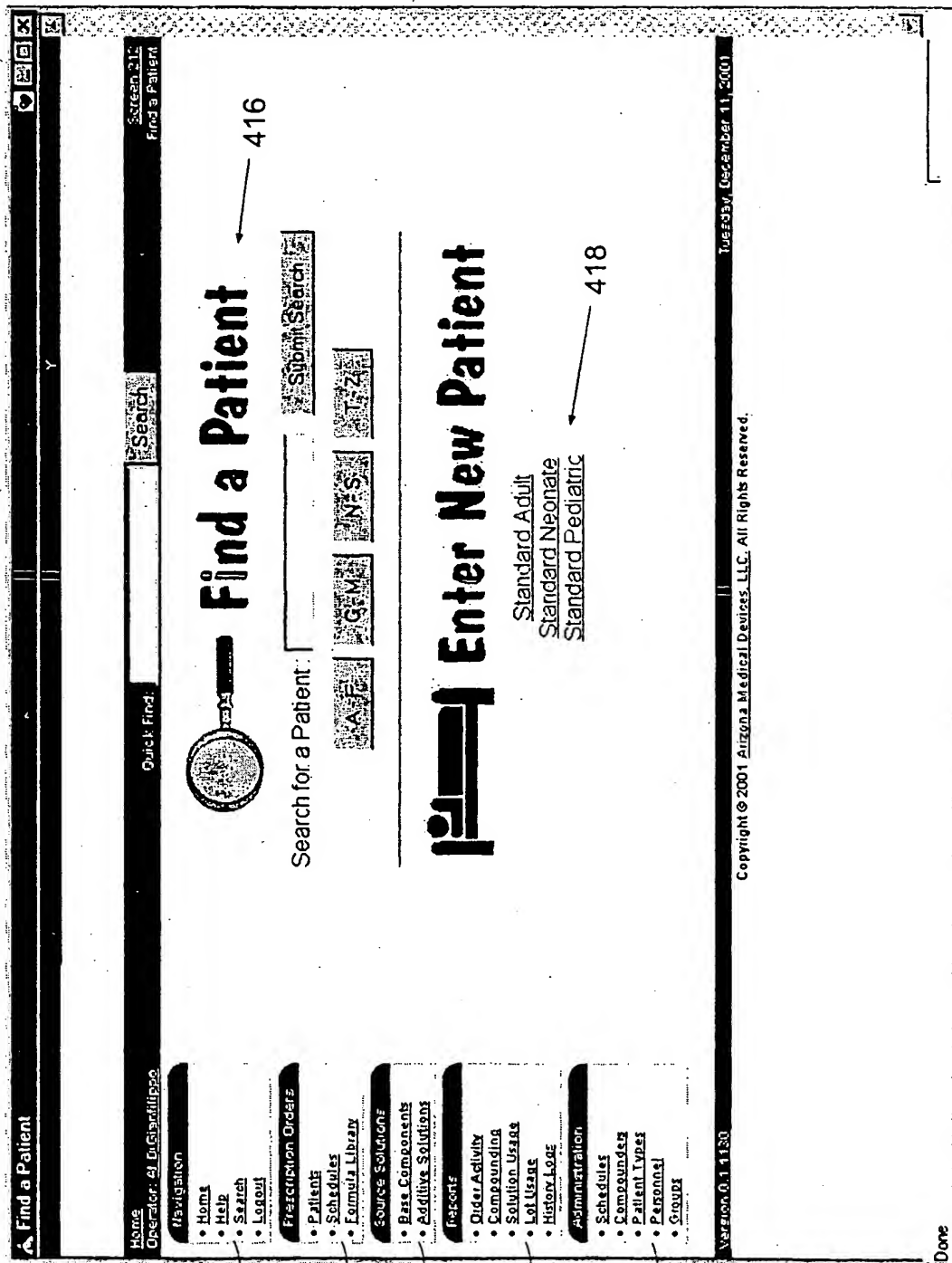


Fig. IIC

B|BRAUN

TPN Manager

Home
Operator: pharmacist

Quick Find:

Screen 210
Prescription Data Entry

Navigation

- Home
- Help
- Search
- Sign Off

Prescription Orders

- Patients
- Schedules
- Formula Library

Reports

- TPN Order Activity
- Compounder Activity
- History Logs

Inventory

- Configuration
- Base Components
- Additive Solutions
- Anions & Cations
- Final Containers

Patient Record

Patient Name: Test Patient #1 Patient ID: 111-11-1111
Location: Room 1 Age: 22 Years
Diagnosis: diagnosis 1 Sex: M
Diagnosis 2: diagnosis 2 Height: 77.0 cm
Physician: Weight: 44.0 Kg
Allergies: None



Nutritional Assessments for Patient

- 11/24/2003 - test assessment

TPN Orders on File for Patient

- Bag #TPN1001-TEST
- Bag #TPN1002-TEST
- Bag #TPN1003-TEST

Formula Library Order Templates Available for Adult Patient

- Blank TPN Order Form
- Adult Default
- Per Liter Adult Formula
- IDPN
- CARDIOPLEGIC SOLUTION

Version 0.0.3921

Copyright © 2003 BBraun Medical Inc. All Rights Reserved.



Saturday, November 29, 2003

Version 0.0.3921

Copyright © 2003 BBraun Medical Inc. All Rights Reserved.

Saturday, November 29, 2003

FIG. 11D.

TPN Order Entry		Screen 310 TPN Order Entry	
Patient Information		Exit Patient Record	
 <p>Patient Name: Test Patient #1 Location: Room 222, Bed 1 Diagnosis: Fever Physician: Dr. Smith Allergies: None</p>		 <p>Patient ID: 111-11-1111 Age: 22 Years Sex: Male Height: 86.0 cm Weight: 34.0 Kg</p>	
I.V. Container Information			
Prescription Order			
Order Number: Container 1	Bag ID: Q0001	Under History: 12/03/2001 13:02:28 (isp) Changed TPN Order	
Infusion Volume: 2000 mL or <input type="checkbox"/> Minimum Possible	Infusion Rate: 125.00 mL / Hour	Infusion Period: 9.20 Hours	
Over All Volume: 0 mL	Delivery Date: 06/26/2001	Delivery Time: 8:00 AM	
Container Label Notes: final notes			
Worksheet Label Notes: worksheet notes			
Submit Changes			

TPN Order Entry

Base Components

Instructions	Base Component	Order Dose	Unit	ml	Edit
	Dextrose 70%	222.00 mL	/100Kg	75.5	change
	BranchAmin	93.10 mL	/L iter	186.2	change
	Dextrose 50%	5.00 %		200.0	change
	Travasol 10%	106.90 mL	/L iter	213.8	change
	Intralipid 10% PF 250 mL	250.0 mL Pre-Filled Container		250.0	change

Add Solution To Order
Solution: Order Dose Per
Pre-Fill Container: Piggyback C Final Container

Click to Submit Base Component Changes or Additions Submit Changes

Additives

Instructions	Additive Solution	Order Dose	Unit	ml	Edit
	Potassium Chloride	20.00 mL	/L iter	40.0	change
	Sodium Acetate	30.00 mL	/100Kg	10.2	change
	Zinc	0.50 mL	/100Kg	0.2	change
	Heparin	1000.00 unit	/Kg-l	34.0	change
	Aminophylline	1.00 mL	/Lb-l	30.8	change
	Sodium Chloride	15.00 mEq	/500mL	60.0	change

Done

Fig. IIE (2)

TPN Order Entry

Additives

Additive/Solution	Order Dose	mL	Edit
Potassium Chloride	20.00 mL	/Liter	40.0 change
Sodium Acetate	30.00 mL	/100Kg	10.2 change
Zinc	0.50 mL	/100Kg	0.2 change
Heparin	1000.00 unit	/Kg-H	34.0 change
Aminophylline	1.00 mL	/Lb-H	30.8 change
Sodium Chloride	15.00 mEq	/500mL	60.0 change

Add Solution To Order

Solution

Order Dose

Per

Click To Submit Additive Changes or Additions Submit Changes

Nutritional Summary

Nutritional Content Summary

4.18 gm Nitrogen
118.195 Kcal Protein
522.445 Kcal Dextrose
275.000 Kcal Lipid
915.640 Kcal Total
Total Volume: 2000.0 mL

Electrolyte Content Summary

0 mEq NA+
0 mEq K+
0 mEq CA++
0 mEq Mg++
0 mEq CL-
0 mEq PO4--
0 mEq AC-
Osmolarity 14117.4

Order Status

Done

436



442



444



Fig. IIE (3)

Quick Find: Search

Navigation

- Home
- Help
- Search
- Sign Off

Prescription Orders

- Patients
- Formula Library

Reports

- TPN Order Activity
- Compounder Activity
- Solution Usage
- Patient
- History Logs

Inventory Configuration

- Base Components
- Additive Solutions
- Anions & Cations
- Final Containers
- Infusion Pumps

Compounder Configuration

- Compounders
- Pump Stations
- Schedules
- Print Settings

Facility Administration

- Facilities
- Personnel Groups
- Individual Personnel
- Individual Physicians

System Administration

- Patient Types
- Fixed Costs
- Regional Options
- Security
- Admin Sys Link
- Archiving



Final Containers

Select a Final Container from the following list
or Add a New Final Container

Final Container List

• Empty 5000 mL EVA	494
• Empty 150 mL EVA	
• Empty 500 mL EVA	
• Empty 1000 mL EVA	
• Empty 3000 mL EVA	
• Empty 250 mL PVC	
• Empty 500 mL PVC	
• Empty 1000 mL PVC	
• Empty 2000 mL PVC	
• Empty 3000 mL PVC	
• Report Listing View	491

FIG 11 e(5)



Final Container Inventory

History: Created 11/24/2003

Record Status: ☒ Enabled ☐ Disabled

Container Description: Empty 3000 mL EVA

Rated Size: 3000 mL

Maximum Capacity: 3300 mL

Nominal Empty Weight: 43 gm

Max Under Nominal Weight: 10 gm

Max Over Nominal Weight: 10 gm

Unit Cost: \$ 0.00

Update

Delete

Cancel

Save changes to this Record.

Delete this Record.

Exit without saving changes.

F-16-116(6)

493

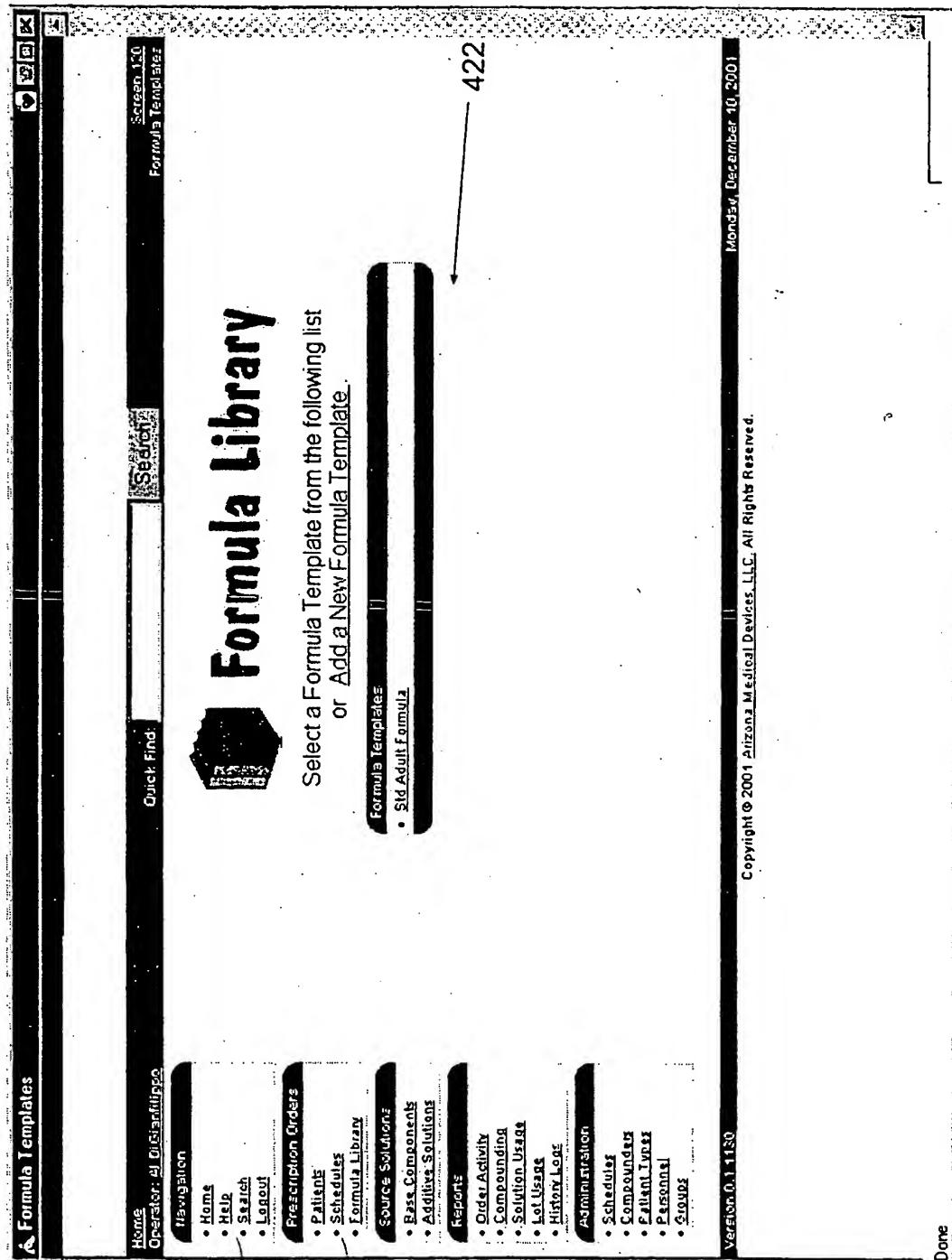



Fig. 11F (1)

TPN Order Template
Screen 1-1
TPN Order Template

Home
Operator: el Garcia

Data Entry

TPN Order Template



TPN Order Template

Order Formula Template

Formula Template Name:

Std Adult Formula

Formula description and/or special instructions for formula data entry:

...and here are the instructions...

Order Number:

Order history: (unknown)

Infused Volume:

1000

mL

In fusion Rate:

125.00

mL / Hour

Infused Period:

9.20

Hours

☒ Minimum Possible

Over 24 Volume:

0

mL

Card other label notes:

final notes

Worksheet label notes:

worksheet notes

Submit Changes

Done

434

Fig. IIF (2)

TPN Order Template

Base Component	Order Dose	Data Entry Instructions	Edit
BranchAmin	25.00 mL /500mL	Instructions	change
Dextrose 70% PF 500 mL	0.00 mL		change

Add Solution To Template

Solution

Order Dose

Per

Data Entry Instructions (optional)

Submit

Additive Solution	Order Dose	Data Entry Instructions	Edit
Sodium Chloride	15.00 mEq /500mL	Instructions	change

Add Solution To Template

Solution

Order Dose

Per

Data Entry Instructions (optional)

Submit

Nutritional Content Summary

0.12 gm Nitrogen

Electrolyte Content Summary

0 mEq NA+

Done

434

Fig. IIF (3)

IPN Order Template

Add New Solution

Order Dose

Date Entry Instructions

Edit

Sodium Chloride

15.00 mEq / 500mL

Instructions

change

Add Solution To Template

Solution

Order Dose

Per

Submit

Data Entry Instructions (optional)

Nutritional Content Summary

0.12 gm Nitrogen

4.461 Kcal Protein

1195.000 Kcal Dextrose

0.000 Kcal Lipid

1199.461 Kcal Total

Total Volume: 543.5 mL

Electrolyte Content Summary

0 mEq NA+

0 mEq K+

0 mEq CA++

0 mEq Mg++

0 mEq CL-

0 mMol PO4--

0 mEq AC-

Osmolarity 120.0

Done

Delete

Version 0.1.1130

Copyright © 2001 Arizona Medical Devices, LLC. All Rights Reserved.

Tuesday, December 11, 2001

434

Fig. 11F (4)

Fig. 11G(1)

Patient Information

Age: Years Months Days

Height: Inches cm

Weight: Lbs Kg

Location:

Physician:

Diagnosis:

Allergies:

Notes:

Authorized Personnel:

- ☐ Administrative Staff
- ☒ Pharmacy Staff
- ☒ Pharmacy Technician
- ☒ Superuser

Photo: ☒ Photo Not Available

Save changes to this Patient record.
Exit without saving changes.

Version 0.1.120 Copyright © 2001 Arizona Medical Devices, LLC. All Rights Reserved. Monday, December 10, 2001

Done

448

450

Fig. 11G (2)

Base Component Solutions

Home

Operator: Al Disantolippo

Navigation

- Home
- Help
- Search
- Logout

Prescription Orders

- Patients
- Schedules
- Formula Library

Source Solutions

- Base Components
- Additive Solutions

Reports

- Order Activity
- Compounding
- Solution Usage
- Lot Usage
- History Logs

Administration

- Schedules
- Compounds
- Patient Types
- Personnel
- Groups

Screen 100

Base Component Solutions

Quick Find:

Search

Base Components

Select a Base Component from the following list
or [Add a New Base Component](#)

Base Components

- BranchAmin
- Dextrose 50%
- Dextrose 50% PF 1000 mL
- Dextrose 50% PF 500 mL
- Dextrose 70%
- Dextrose 70% PF 500 mL
- Enoxamin
- Enoxamin 8.5% w/v w/v
- Enoxamin HBC
- Enoxamin II
- Enoxamin III 10%
- Enoxamin III 3.5% w/v w/v
- Enoxamin III
- Initialipid 10%
- Initialipid 10% PF 250 mL
- Initialipid 20%
- Liposyn II 10%
- Liposyn II 20%
- Liposyn III 10%
- Liposyn III 20%
- Nephramine 0.5%
- Norzamine 11.4%
- Novamine 15%
- Novamine 8.5%
- Procalamine 20%
- PenAmin 0.5%
- Sterile Water
- Sterile Water PF 500 mL
- Sterile Water PF 250 mL

Fig. 11H (1)

482

Base Component Solution Inventory

Home

Operator: AJ Griggs/Phillippo

Screen 131

Base Component Solution Inventory

Base Component Solution Inventory

History: Created 09/26/2001

Record Status: ☒ Enabled ☐ Disabled

Special Designation: ☐ QUIESC

Solution Name:

Print on Label As:

Solution Family:

Concentration:

Specific Gravity:

Cost Per 100 mL:

Special Container: ☐ Pre-Filled: Amt. mL Capacity: mL

Special Designation: ☐ Branched Chain Amino Acid

Pump Station:

1'st Choice:

2'nd Choice:

3'rd Choice:

NDC Number:

Final/Initial Content:

Done

484

Fig. 11H (2)

Base Component Solution Inventory

Electrolyte Content:

Na ⁺	0.00	mmol/mL
K ⁺	0.00	mmol/mL
Ca ⁺⁺	0.00	mmol/mL
Mg ⁺⁺	0.00	mmol/mL
PO4 ⁼	0.00	mmol/mL
CL ⁻	0.00	mmol/mL
AC	151.00	mmol/mL

Nutritional Content:

Mass Concentration	15	g/100 mL
Nitrogen Content	2	g/100 mL
Protein Calories	615	Kcal/L
Dextrose Calories	0	Kcal/L
Fat Calories	0	Kcal/L
Total BCAA	2749	mg/100 mL
Total Non-BCAA	12251	mg/100 mL

Notes:

Update

Delete

Cancel

Save changes to this Base Component.

Delete this Base Component.

Exit without saving changes.

Version 0.1.1130

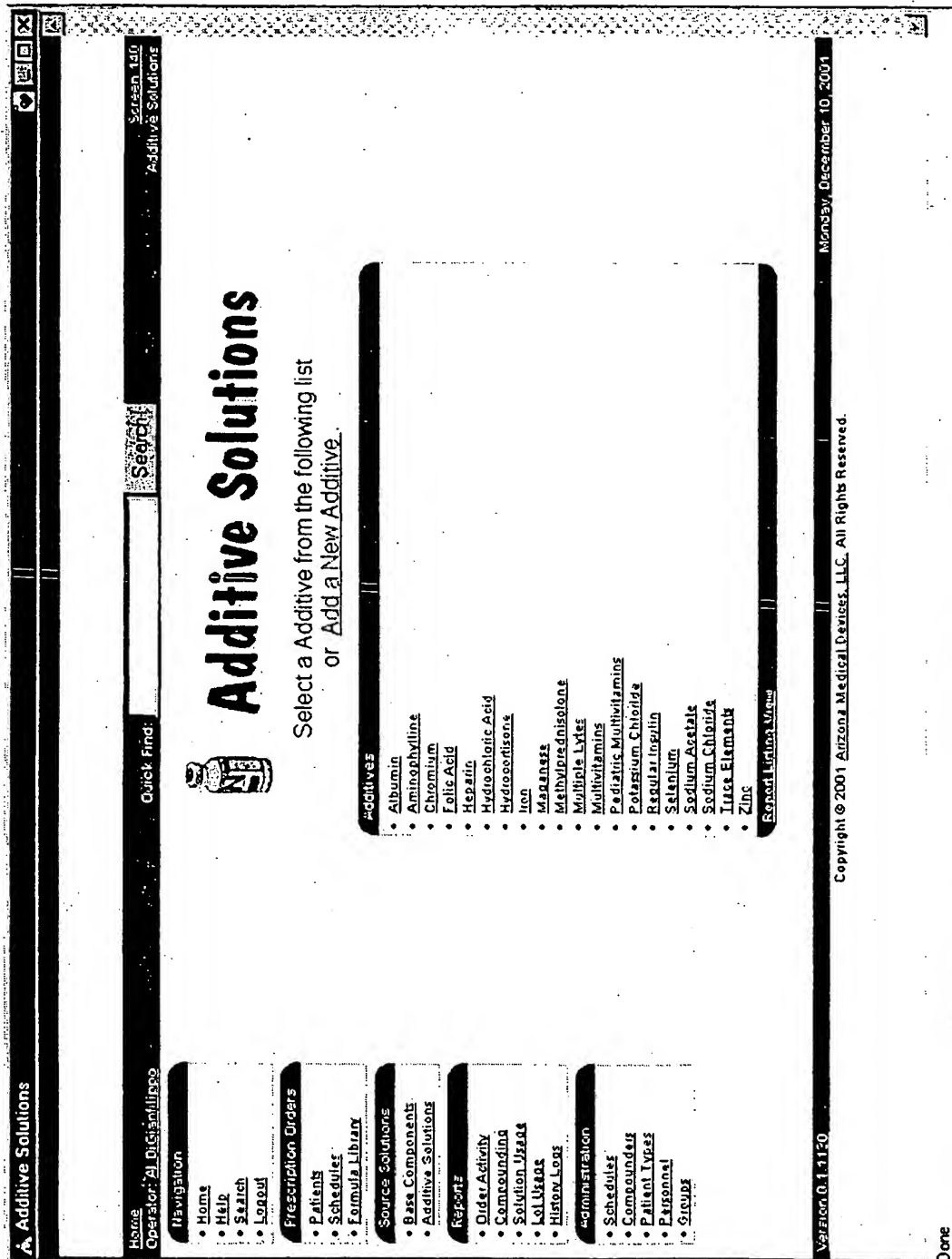
Copyright © 2001 Arizona Medical Devices, LLC. All Rights Reserved.

Monday, December 10, 2001

Done

484

Fig. 11H (3)



486


Fig. 11-1 (I)

Additive Solution Inventory

Home
Operator: AJ Duffin@luppo

Screen 141
Additive Solution Inventory

Data Entry



Additive Solution Inventory

History: Created 09/09/2001

Record Status: ☒ Enabled ☐ Disabled

Automatic Selection: ☒ Allow ☐ Disallow

Solution Name:

Print on Label As:

Use For Patient Types: ☒ Adult ☒ Pediatric ☒ Neonate

Concentration: mEq/mL

Specific Gravity:

Pump Station:

2nd Choice:

3rd Choice:

NDC Numbers:

Cost Per mL: \$

Rinse After Dispensing: ☐ Yes ☒ No ☐ Automatic

Electrolyte Content: mmol/mL

Done

486

Fig. 11-1 (2)

500



Daily Checklist

For Compounder: "Cmp A"

add a new checklist item

view checklist reports for this compounder

Done

Return to Menu

Copy

Copies this checklist to a different compounder

FIG 11 J(1)

500

Daily Checklist

For Compounder: "Cmp-A"

1. Disinfect Laminar Flow Hood Work Surfaces	edit	move up	move down	delete
2. Install New Transfer Set	edit	move up	move down	delete
add a new checklist item				
view checklist reports for this compounder				

[Done](#)

[Return to Menu](#)


[Copy](#)

[Copies this checklist to a different compounder](#)

FIG 11 J(2)

476
468
476
470

Container Label 0



M_x Automatic Compounder

Patient - Test Patient #1 ID # 111-11-1111
 Location: Room 222, Bed 1 Weight: 34.0 Kg
 Order # Container 1
 Physician: Dr. Smith

Bag ID # 0001 Delivery Time: 06-26-01 08:00 AM

Infusion Rate: 125 mL/hr Infusion Volume: 0 mL Infusion Period: 0 hrs


Stable Water	111.00 mL
Dextrose 70%	222.00 mL/Liter
Intralipid 10%	333.00 mL/Kg
BranchAmin	999.00 mL

This solution contains 0.00 gm/liter Total Amino Acids.
 The Total Amino Acids Contain 0.0% Branched Chain Amino Acids

Additive	Dose
Sodium Chloride	1.00 mEq
Potassium Chloride	2.00 mEq/Liter
Sodium Acetate	3.00 mEq NA+/100Kg
Zinc	0.50 mL/100Kg

Order Volume: Minimum
 Container Overfill: None
 Compounded Vol: 0 mL

Worksheet 0



M_x Automatic Compounder

Patient - Test Patient #1 ID # 111-11-1111
 Location: Room 222, Bed 1 Weight: 34.0 Kg
 Order # Container 1
 Physician: Dr. Smith

Bag ID # 0001 Delivery Time: 06-26-01 08:00 AM
 Osmolarity: 3.4456 Cost \$ 123.45

0 mL at 125 mL/hr will run for 0 hrs

Total Amino Acids: 139.00 gm/liter. Total Amino Acids Contain 50.0% Branched Chain Amino Acids

Base Comp	Conc	Order Dose	Code	Station	mL
Stable Water	4.000 mEq	111.00 mL	1234-5678	1 Red	999.9
Dextrose 70%	4.000 mEq	222.00 mL/Liter	1234-5678	1 Red	999.9
Intralipid 10%	4.000 mEq	333.00 mL/Kg	1234-5678	1 Red	999.9
BranchAmin	4.000 mEq	999.00 mL	1234-5678	1 Red	999.9
Water	4.000 mEq	999.00 mL	1234-5678	1 Red	999.9


Additive	Conc	Order Dose	Code	Station	mL
Sodium Chloride	4.000 mEq	1.00 mEq	1234-5678	1 Red	999.9
Potassium Chloride	4.000 mEq	2.00 mL/Liter	1234-5678	1 Red	999.9
Sodium Acetate	4.000 mEq	3.00 mEq NA+/100Kg	1234-5678	1 Red	999.9
Zinc	4.000 mEq	0.50 mL/100Kg	1234-5678	1 Red	999.9

Order Volume: Minimum
 No overfill volume
 Compounded Volume: 0 mL
 Use 9999 mL PVC Final Bag

Prepared by _____ Unknown
 final notes
 Expires: Unknown

Intended for Use With Piggyback: Intralipid 10%

Piggyback Container Label 0



M_x Automatic Compounder

Patient - Test Patient #1 ID # 111-11-1111
 Location: Room 222, Bed 1 Weight: 34.0 Kg
 Order # Container 1
 Physician: Dr. Smith

Bag ID # 0001 Delivery Time: 06-26-01 08:00 AM

Infusion Rate: 125 mL/hr Infusion Volume: 0 mL Infusion Period: 0 hrs

Piggyback Container

Intralipid 10%	333.00 mL/Kg
----------------	--------------

Osmolarity: 3.4567

Electrolytes Contained in Piggyback

NA+	3.02 mEq/liter
CL-	2.00 mEq/liter
AC-	0.51 mEq/liter

Prepared by _____ Unknown

worksheet notes

Nut Contents Wgt: 0.0 gm
 Base Components: 9999 gm
 Additives: 9999 gm
 Estimated Final Container Total Wgt: 9999 gm
 Refractive Index: 0.000

Compounded by _____ Manual Adds by _____
 Nutrition Information 0
 Checked by _____

Patient - Test Patient #1 ID # 111-11-1111
 Location: Room 222, Bed 1 Weight: 34.0 Kg
 Order # Container 1
 Physician: Dr. Smith

Bag ID # 0001 No overfill volume
 Order Volume: Minimum Compounded Vol: 0 mL

0 mL at 125 mL/hr will run for 0 hrs

The solution contains 0.00 gm/liter Total Amino Acids
 The Total Amino Acids Contain 0.0% Branched Chain Amino Acids. Osmolarity: 3.4567

Nutritional Content		%Total	%NPC
Nitrogen	0.00 gm/liter	0%	0%
Protein	0.00 Kcal/liter	0%	0%
Dextrose	0.00 Kcal/liter	0%	0%
Lipid	0.00 Kcal/liter	0%	0%
Total	0.00 Kcal/liter	100%	100%
Non-Protein	0.00 Kcal/liter	100%	100%

Nutritional Ratios	
Total Kcals / Nitrogen	N/A
Protein Kcals / Nitrogen	N/A
Non-Protein Kcals / Nitrogen	N/A
Protein Kcals / Non-Protein Kcals	N/A
Lipid Kcals / Total Kcals	N/A

Electrolyte Totals

NA+	3.02 mEq/liter
K+	0.00 mEq/liter
CA++	0.00 mEq/liter
MG++	0.00 mEq/liter
PO4-	0.00 mEq/liter
CL-	2.00 mEq/liter
AC-	0.51 mEq/liter

Fig. 12

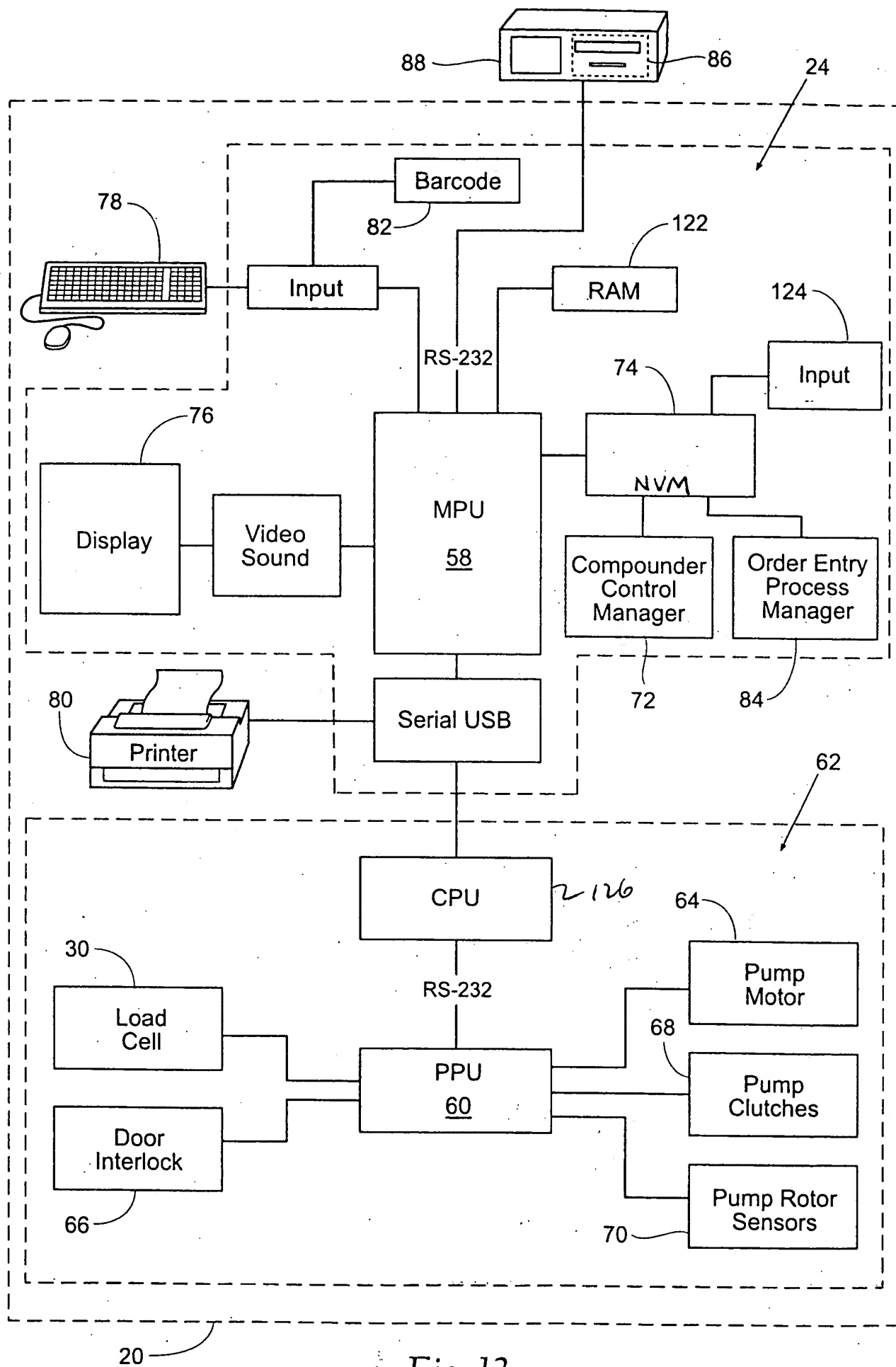
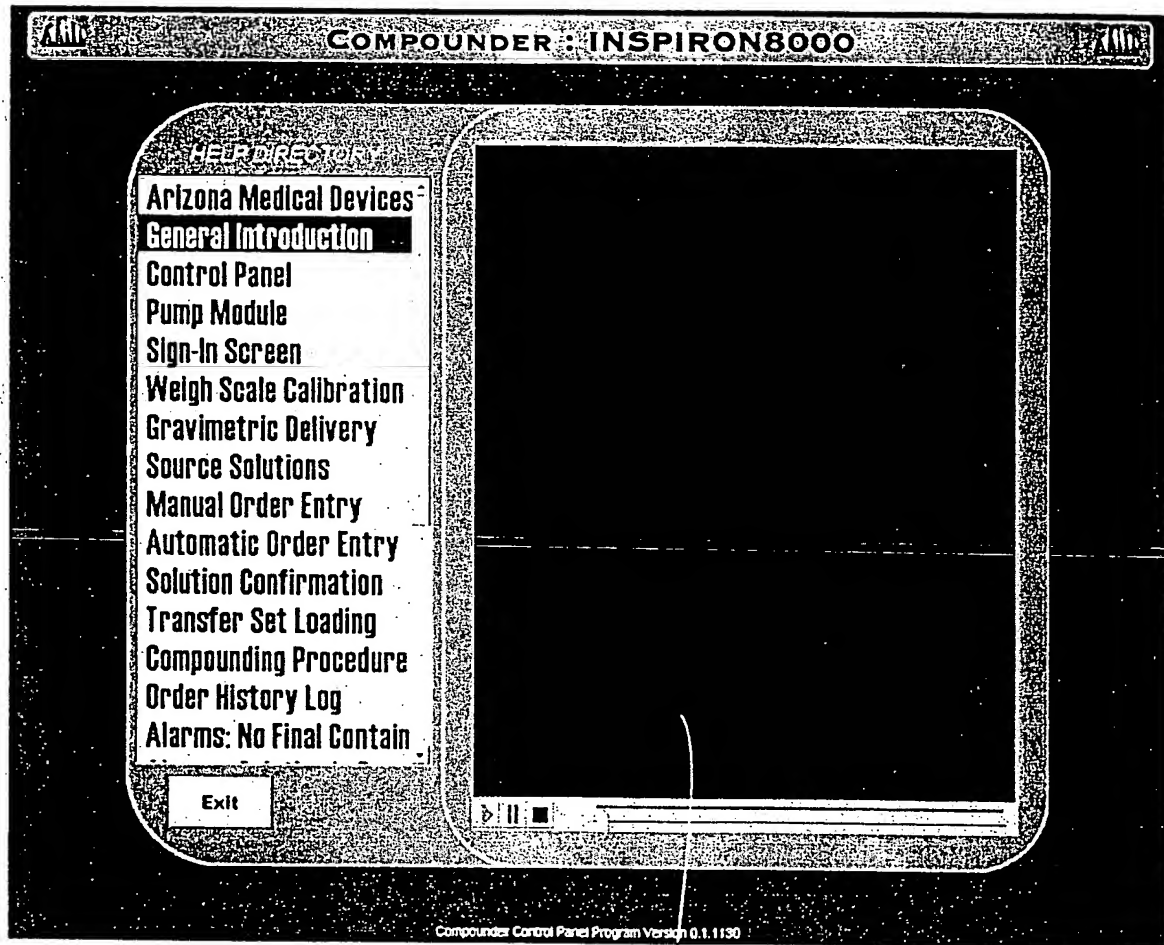


Fig. 13

270



272

Fig. 14A

272

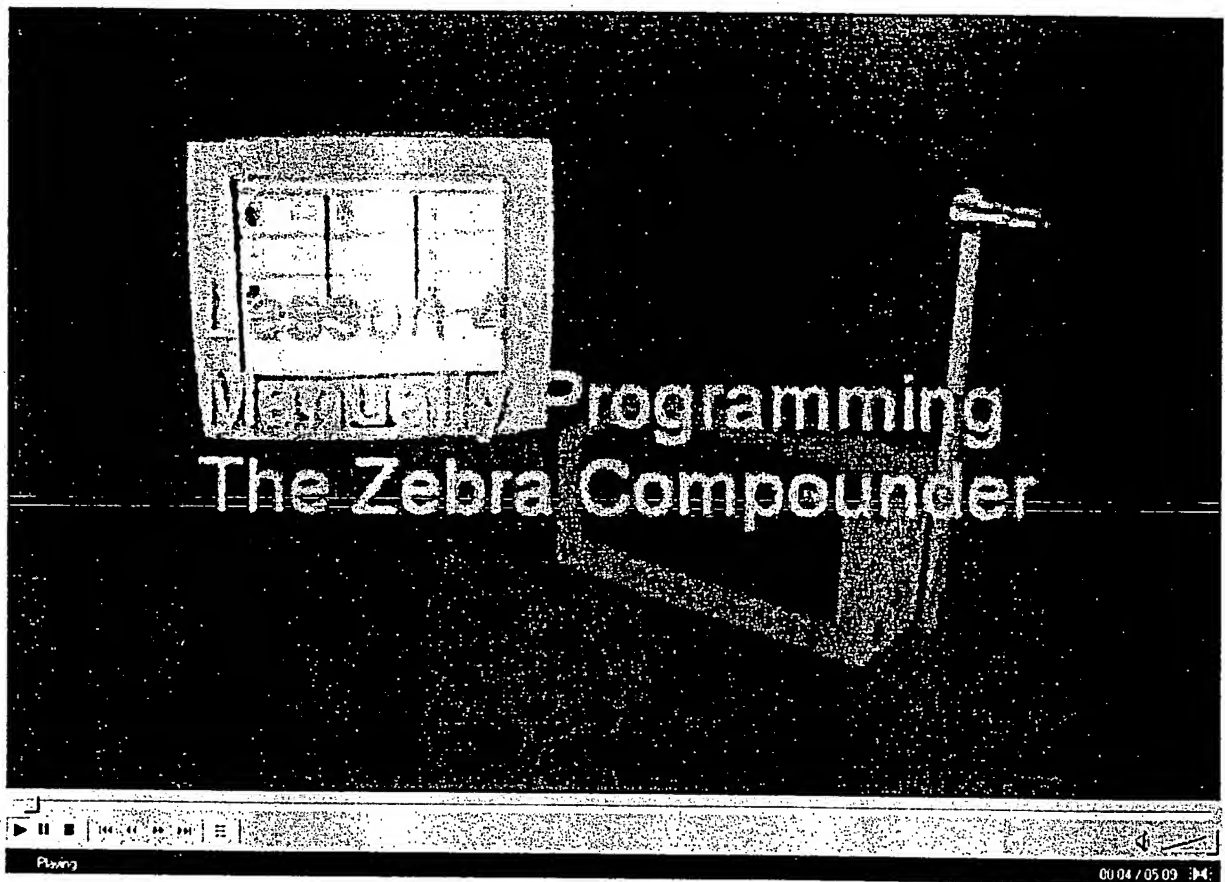


Fig. 14B (1)

272

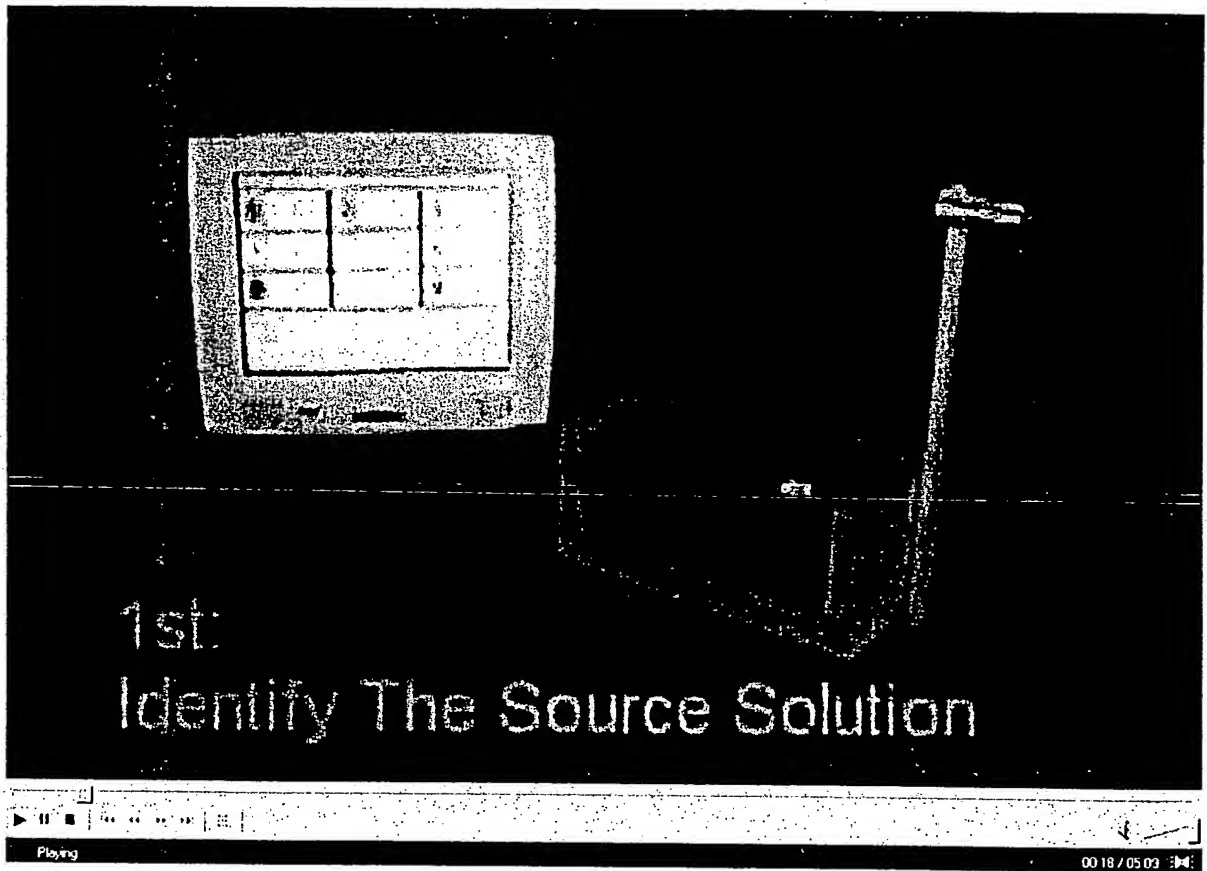


Fig. 14B (2)

272

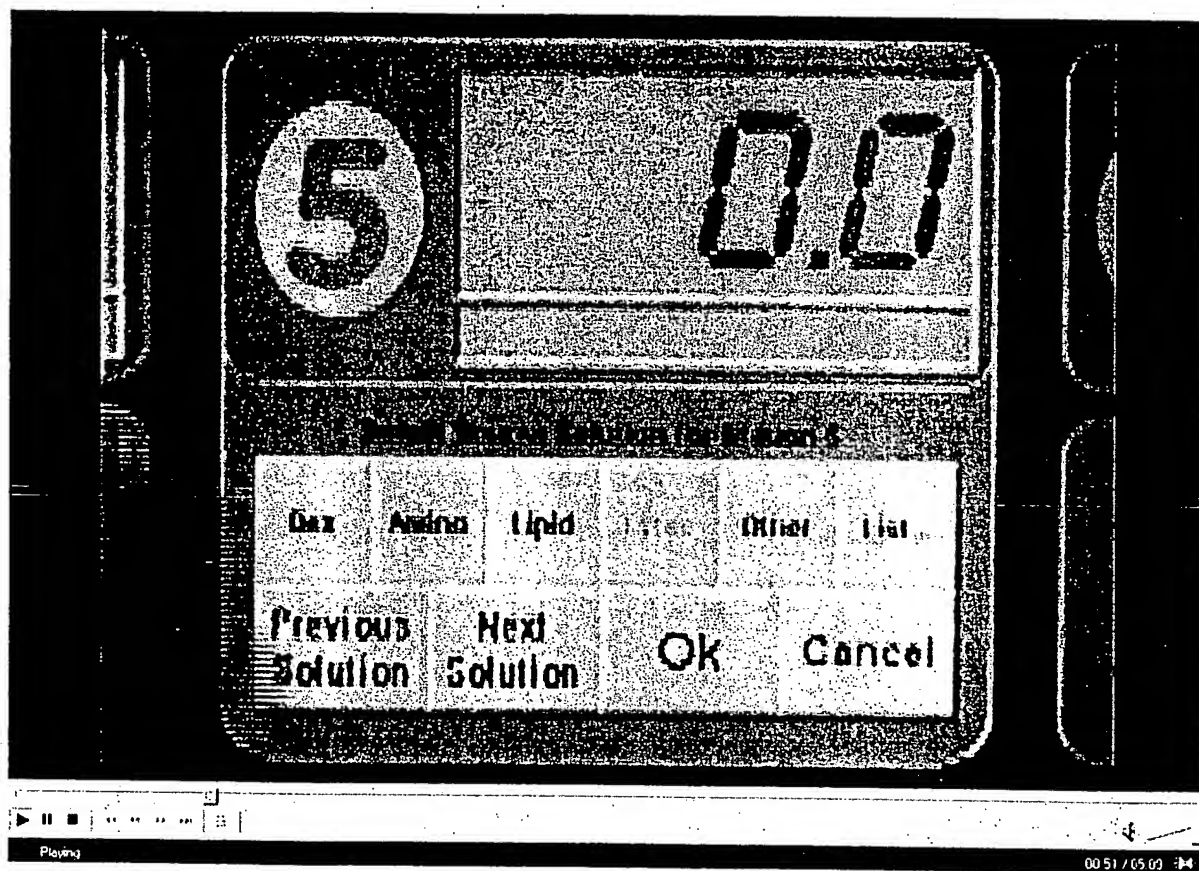


Fig. 14B (3)

272

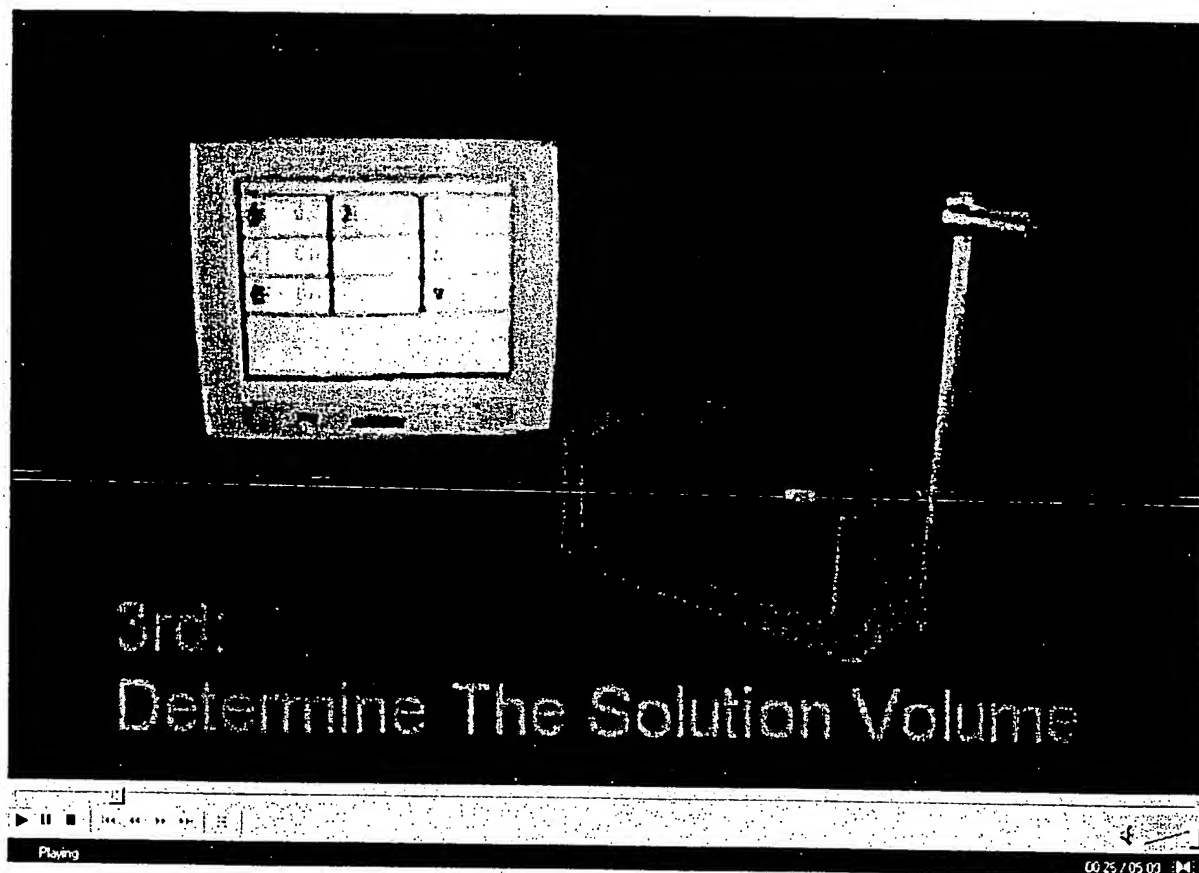


Fig. 14B (4)

272

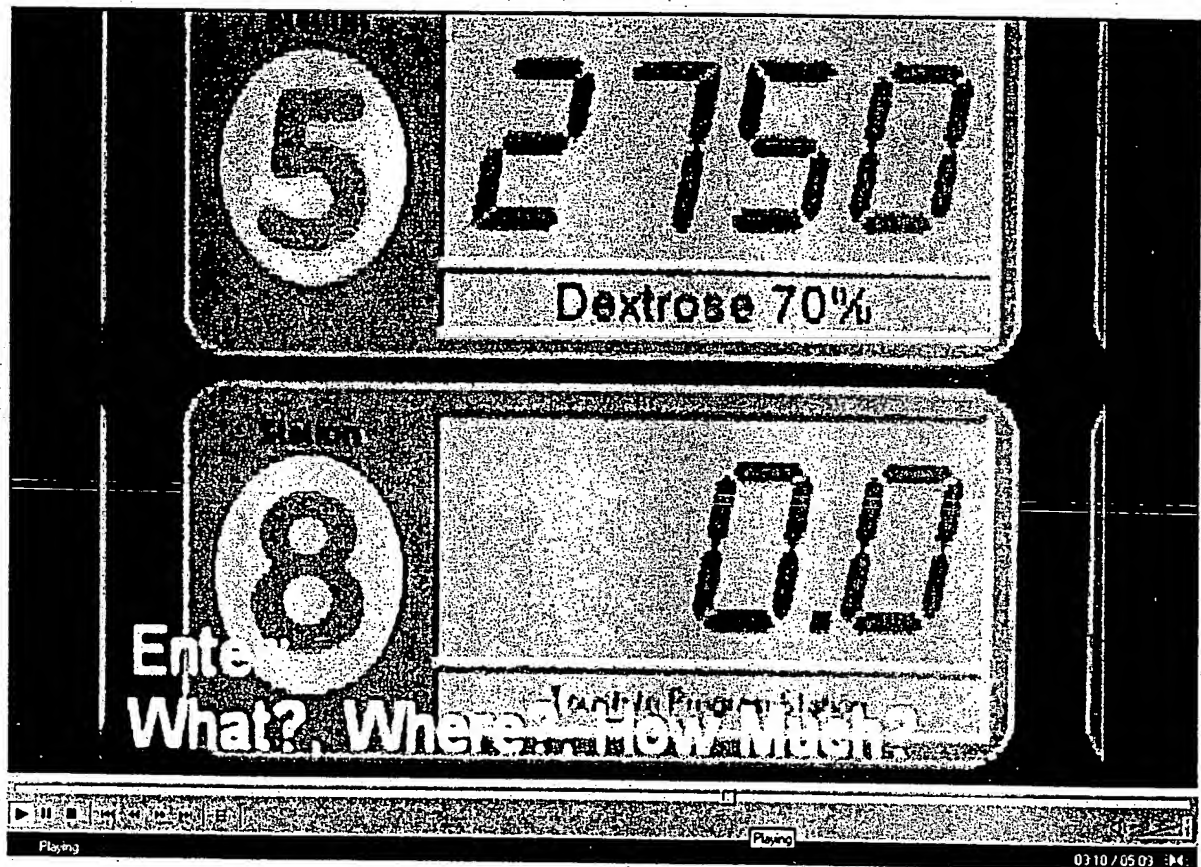


Fig. 14B (5)

272

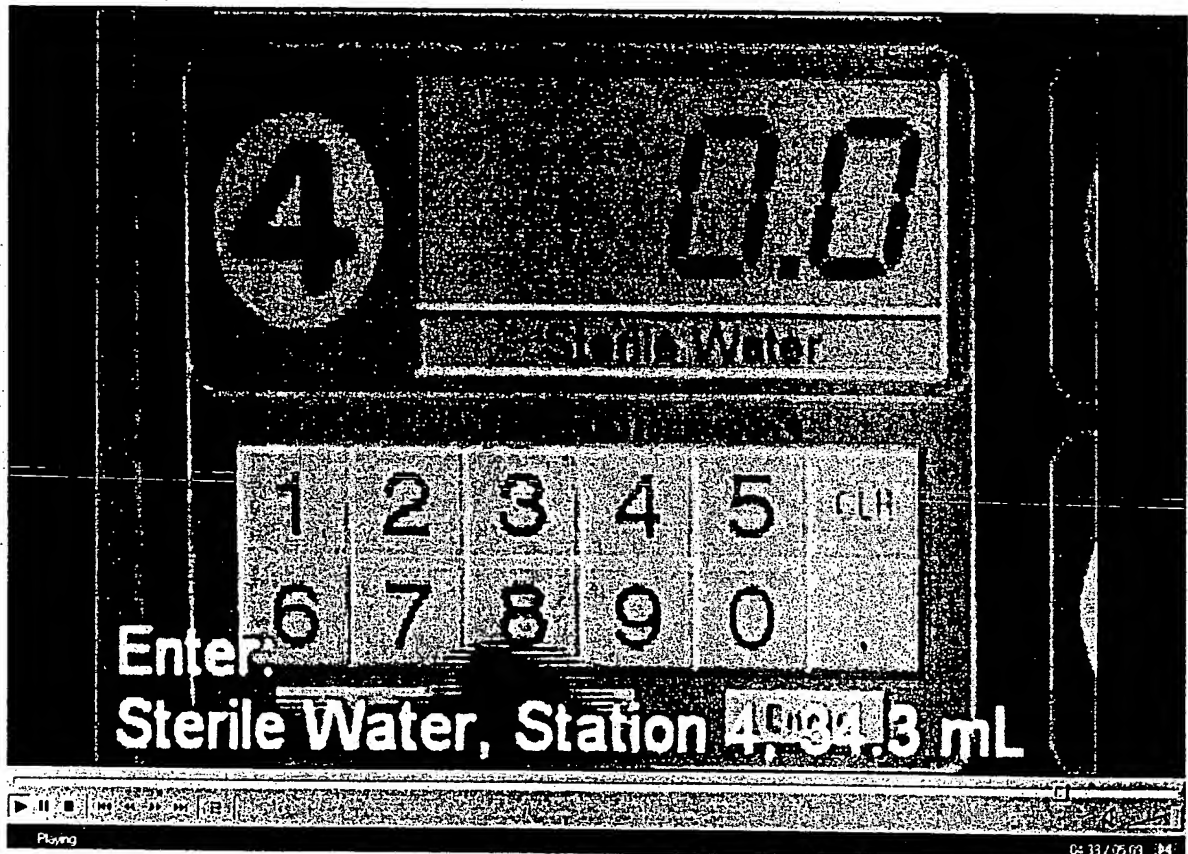


Fig. 14B (6)

272

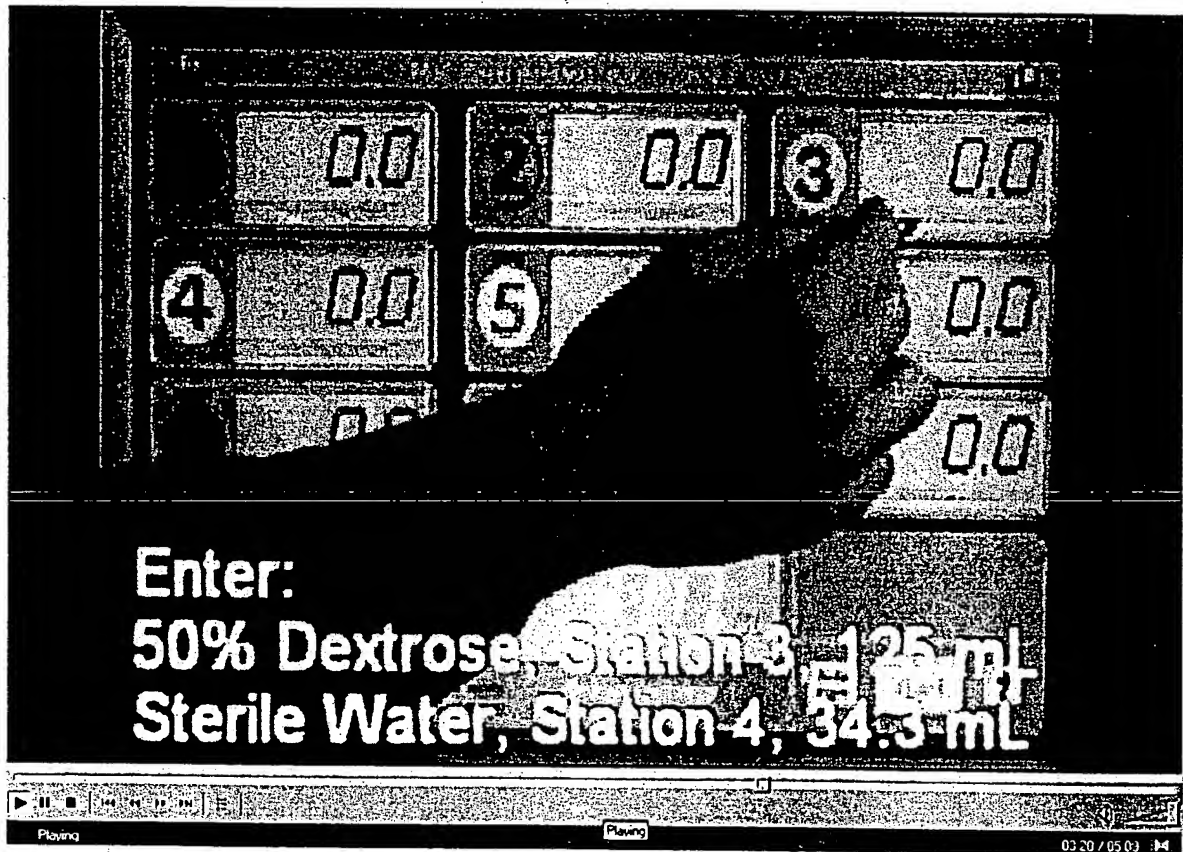


Fig. 14B (7)

272

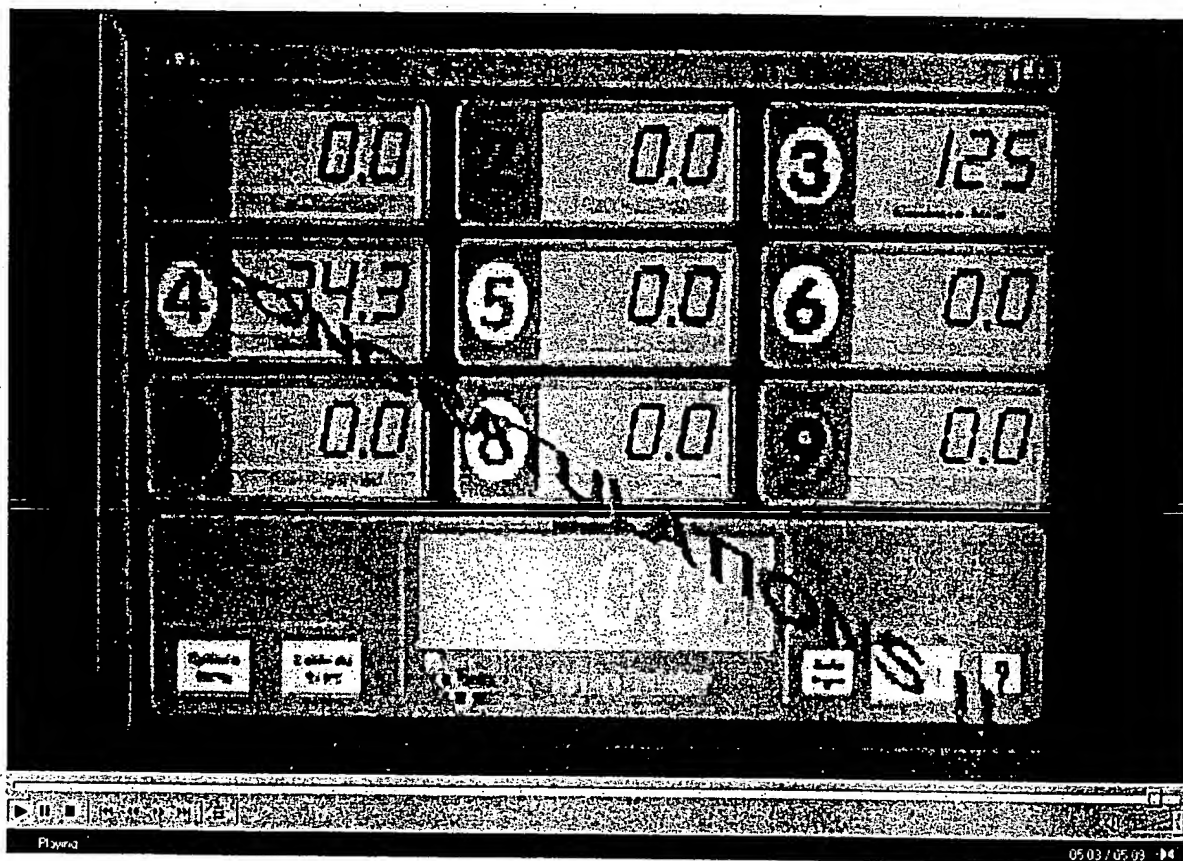


Fig. 14B (8)

1502

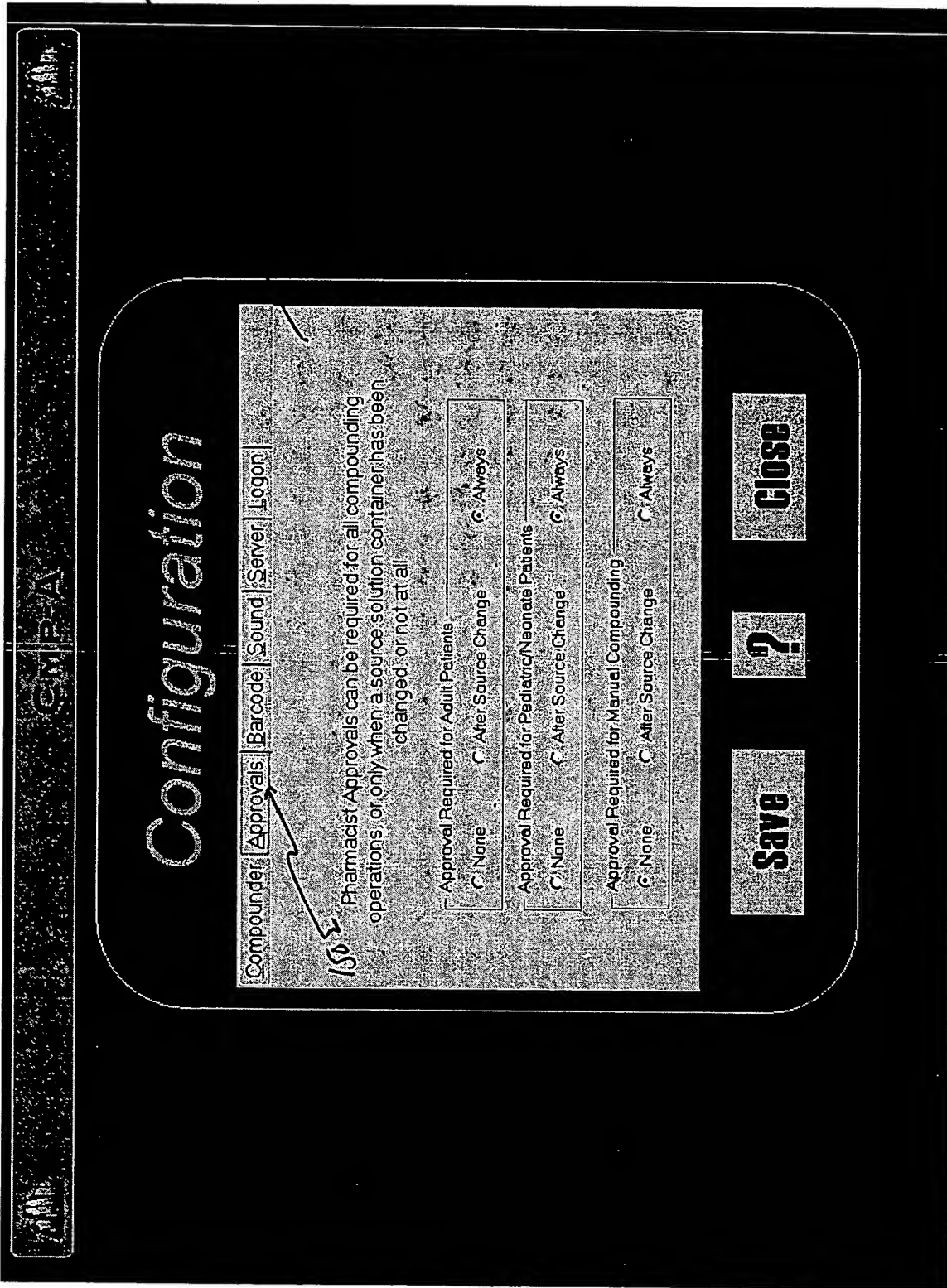


FIG-15A

1506 1504

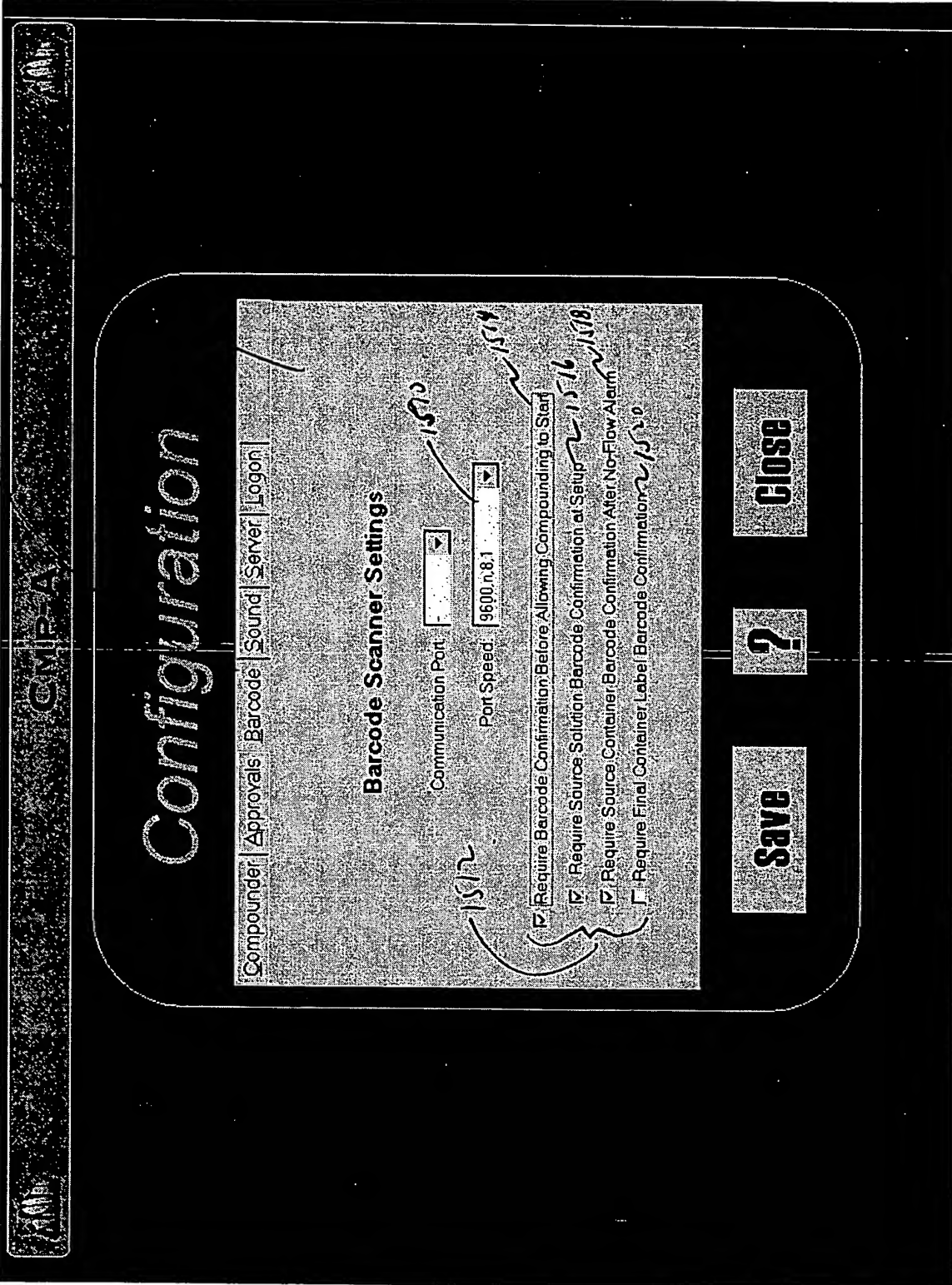


FIG. 15B

Screen is Frozen for Cleaning...

0:26

Press 'Esc' to close this screen immediately.

F14.16

1700

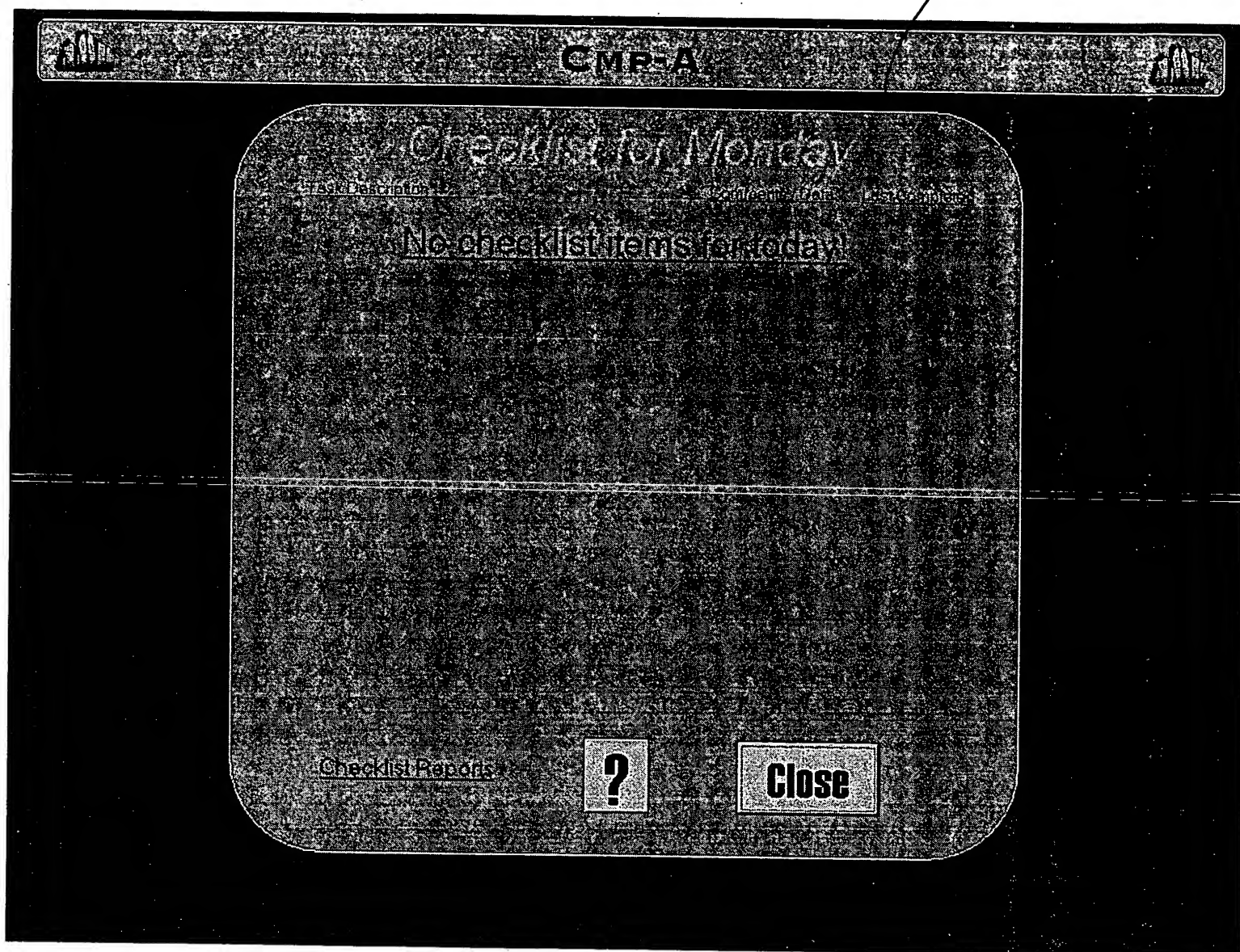


FIG 17

Quick Find:

Search

Navigation

- Home
- Help
- Search
- Sign Off

Prescription Orders

- Patients
- Formula Library

Reports

- TPN Order Activity
- Compounder Activity
- Solution Usage
- Patient
- History Logs

Inventory Configuration

- Base Components
- Additive Solutions
- Amps & Carboys
- Final Containers
- Infusion Pumps

Compounder Configuration

- Compounders
- Pump Stations
- Schedules
- Print Settings

Facility Administration

- Facilities
- Personnel Groups
- Individual Personnel
- Individual Physicians

System Administration

- Patient Types
- Fixed Costs
- Regional Options
- Security
- Admin Sys Link
- Archiving



Infusion Pumps

Select a Infusion Pump from the following list
or Add a New Infusion Pump.

497

Infusion Pump List

- Horizon Nx
- Vista Basic
- Vista Infusion System
- Vista Reliance

Report Usage View

496

490

495

FIG 18A

498

BRAUN

Home
Operator: System Administrator

TPN Manager

Screen 105
IV Pump Inventory

Data Entry



IV Pump Inventory

History: Created: 11/24/2003

Record Status: ☒ Enabled ☐ Disabled

IV Pump Model: Horizon Nxt

IV Pump Description: Hospital Pump with barcode reader

Update

Save changes to this Record.

Delete

Delete this Record.

Cancel

Exit without saving changes.

Version 0.0.3271

Copyright © 2003 B. Braun Medical Inc. All Rights Reserved.

Tuesday, November 25, 2003

FIG-18 B

B BRAUN

TPN Manager

Home
Operator: Pharmacist

Data Entry

Screen SC: NUTEDIT
Nutritional Assessment

Nutritional Assessment

Current Patient Record Information

Edit Patient Record

Patient Name: Test Patient #1 Patient ID: 111-11-1111
Location: Room 1 Age: 22 Years
Diagnosis: diagnosis 1 Sex: Male
diagnosis 2 Height: 77.0 cm
Allergies: None Weight: 44.0 Kg
Physician:
Patient Type: Adult
ASPEN Class: Adult



Patient Information for the Assessment

Assessment Title: test assessment
Last Updated: Monday, November 24, 2003, 11:30 am
Patient: Male Age: 22.0 years
ASPEN Class: ☒ Neonate ☐ Pediatric ☒ Adult ☐ Geriatric
Weight: 44.0 Kg Height: 77.00 cm
Injury Factor: Low = 1.2 to 1.3 * BEE (uncomplicated, general surgery)
Stress Factor: Mild = 1.2 to 1.5 * ABW

Update Assessment

Delete Assessment

Calculated Nutritional Requirements

Ideal Body Weight: 50 Kg (110 Lbs)
Condition Assessment: MALNOURISHED
Adjusted Body Weight: 44 Kg (97 Lbs)
Resting Energy Expenditure: 906 kcal/Day
Recommended Calorie Range: 1087 to 1177 kcal/Day
Recommended Protein Range: 52 to 66 gm/Day
Recommended Fluid Range: 2376 to 2970 mL/Day

Compare this nutritional assessment to an existing order

Enter a TPN Order based on this nutritional assessment

Done

FIG 19

2000

BRAUN

Home
Operator: System Administrator

TPN Manager

Screen 120
Physicians

Search

Quick Find

Navigation

- Home
- Help
- Search
- Sign Off

Prescription Orders

- Patients
- Formula Library

Reports

- TPN Order Activity
- Compounder Activity
- Solution Usage
- Patient
- History Logs

Inventory Configuration

- Base Components
- Additive Solutions
- Anions & Cations
- Final Containers
- Infusion Pumps

Compounder Configuration

- Compounders
- Pump Stations
- Schedules
- Print Settings

Facility Administration

- Facilities
- Personnel Groups
- Individual Personnel
- Individual Physicians

System Administration

- Patient Types
- Fixed Costs
- Regional Options
- Security
- Admin Site Link
- Archiving

406 → 407



Physicians

Select a Physician from the following list
or Add a New Physician 2-2004

- Physician List
- doc
- doc user
- Report Using Menu

2-2002


Version 0.0.3371

Copyright © 2003 Braun Medical Inc. All Rights Reserved.

Tuesday, November 25, 2003

FIG 20A

2226



History: New Record

Record Status: ☒ Enabled ☐ Disabled

Log On User: ☐ Yes ☒ No

Permanent Logon ID: Jones, Michael

CP Logon ID #: MJones

Facility: ☒ Default Facility

Full Name: Dr. Michael C. Jones

Title:

Address: 29923 East 56th Street
Scottsdale, Arizona 85262

Office Telephone: 480-555-1212

Mobile Telephone: 480-555-1234

Pager Number: 480-555-1236

FAX Number: 480-123-4567

E-Mail Address: Michael.Jones@HealthMdi.com

Additional Contact Information:

Federal Physician ID: 1232564894

Local Physician ID: 694315

Service: 602-885-4562

Update

Cancel

Save changes to this Personnel Record
Exit without saving changes.

2007 2008

P/g 20 B



TPN Order Entry

Patient Information

PATIENT INFORMATION

Patient Name: Test Patient, M
Location: Room 1
Diagnosis:
Physician:
Allergies: None

Patient ID: 11111111
Age: 22 Years
Sex: Male
Height: 170 cm
Weight: 66.0 Kg



I.V. Container Information

Prescription Order		Order History: 11/23/2003 10:43:04 (pharm) Changed TPN Order
Order Number: TPN1001-TEST	Batch Copies: 1	Repeating Order: <input type="radio"/> No <input type="radio"/> Yes
Billing Code: <input type="text"/>	Infusion Volume: <input type="radio"/> Minimum Possible <input type="radio"/> Total <input type="radio"/> Per Kg	Infusion Rate: 125.00 mL/Hour
Infusion Volume: 1000 mL	Infusion Period: 8.00 Hours	Infusion Period: 8.00 Hours
Overfill Volume: 30 mL	Delivery Date: 11/25/2003	Delivery Time: 12:00 AM
I.V. Pump: Horizon Ntd	Adm. Route: <input type="radio"/> Central <input type="radio"/> Peripheral <input type="radio"/> PICC	
Container Label Notes:	Worksheet Label Notes:	
Submit Changes		

Base Components

Base Component	Order Dose	mL	Edt
Fructose 10%	250.00 mL	250.0	detail
Dextrose 70%	150.00 mL	150.0	detail

Add Solution To Order

Solution: Order Dose: mL Per:

Pre-Fill Container: ☐ Piggyback ☐ Final Container

Submit Changes

Additives

Additive Solution	Order Dose	mL	Edt
Sodium Chloride (0.5)	5.00 mEq	2.00	detail
Potassium Phosphate	5.00 mmol	1.70	detail

Add Solution To Order

Solution (default unit): Order Dose: mL Per:

Pool Additives: ☐ Yes ☐ No Pool Container Overfill: 10 mL

Submit Changes

Nutritional Summary

Order Summary
Compounded Volume: 1030.0 mL
Osmolality: 802 mOsm/L
Albumin Content: 0 mcg/Kg

Nutritional Content
4 gm Nitrogen
100 Kcal Protein
300 Kcal Dextrose
0 Kcal Lipid
450 Kcal Total

Electrolyte Content
5 mEq Na⁺
5 mEq Cl⁻
7.45 K⁺
5.1 mmol PO₄³⁻
0 mEq Ca²⁺
0 mEq Mg²⁺
0 mEq AC

Order Status

Open	Submitted	Authorized	Printed	Compounded
Open for Order Entry	Submitted for Review & Authorization	Review Completed, Ready to Print Labels	Labels Printed, Ready for Compounding	Order Completed, Ready for Delivery to Patient

Authorize this Order for Compounding

☐ I have reviewed this order for accuracy and compliance with the policies at this facility.

Schedule:

Authorizing Pharmacist: pharm
Tuesday, November 25, 2003

Authorize for Compounding

Stop Order

Delete this TPN Order

Copy this TPN Order to a New Order

Copy this TPN Order to the Formula Library

Done

F16 214

B BRAUN

TPN Manager

Home Operator: [Name] Data Entry Screen 141 Additive Solution Inventory



Additive Solution Inventory

History: Created 11/24/2003

Record Status: ☒ Enabled ☐ Disabled

Solution Name: Sodium Chloride (4)

Print on Label As: Sodium Chloride

Solution Type: ☒ Electrolyte ☐ Vitamins ☐ Trace Minerals ☐ Medication ☐ Other

Additive Pooling: ☐ Allow ☒ Disallow

Print Option: ☒ List Individually ☐ Electrolyte Summary

Concentration: 4.000 mEq/mL

Specific Gravity: 1.15

Osmolarity: 8008 mOsm/L

Aluminum Content: 0.00 mcg/L

Patient Type(s):
☒ Adult
☒ Neonate
☒ Pediatric

Product NDC Numbers:

Cost Per mL: \$ 0.00

Electrolyte Content:

Na+ (mEq/ml)	4.0000
Cl- (mEq/ml)	4.0000
K+ (mEq/ml)	
Ca++ (mEq/ml)	
Mg++ (mEq/ml)	
PO4- (mmol/ml)	
AC- (mEq/ml)	

Add or Edit the Available Electrolytes

Notes:

Update
Delete
Cancel

Save changes to this Additive.

Delete this Additive.

Exit without saving changes.

Version 9.0.1371

Copyright © 2003 Braun Medical Inc. All Rights Reserved.

Tuesday, November 25, 2003

FIG 21B